

100

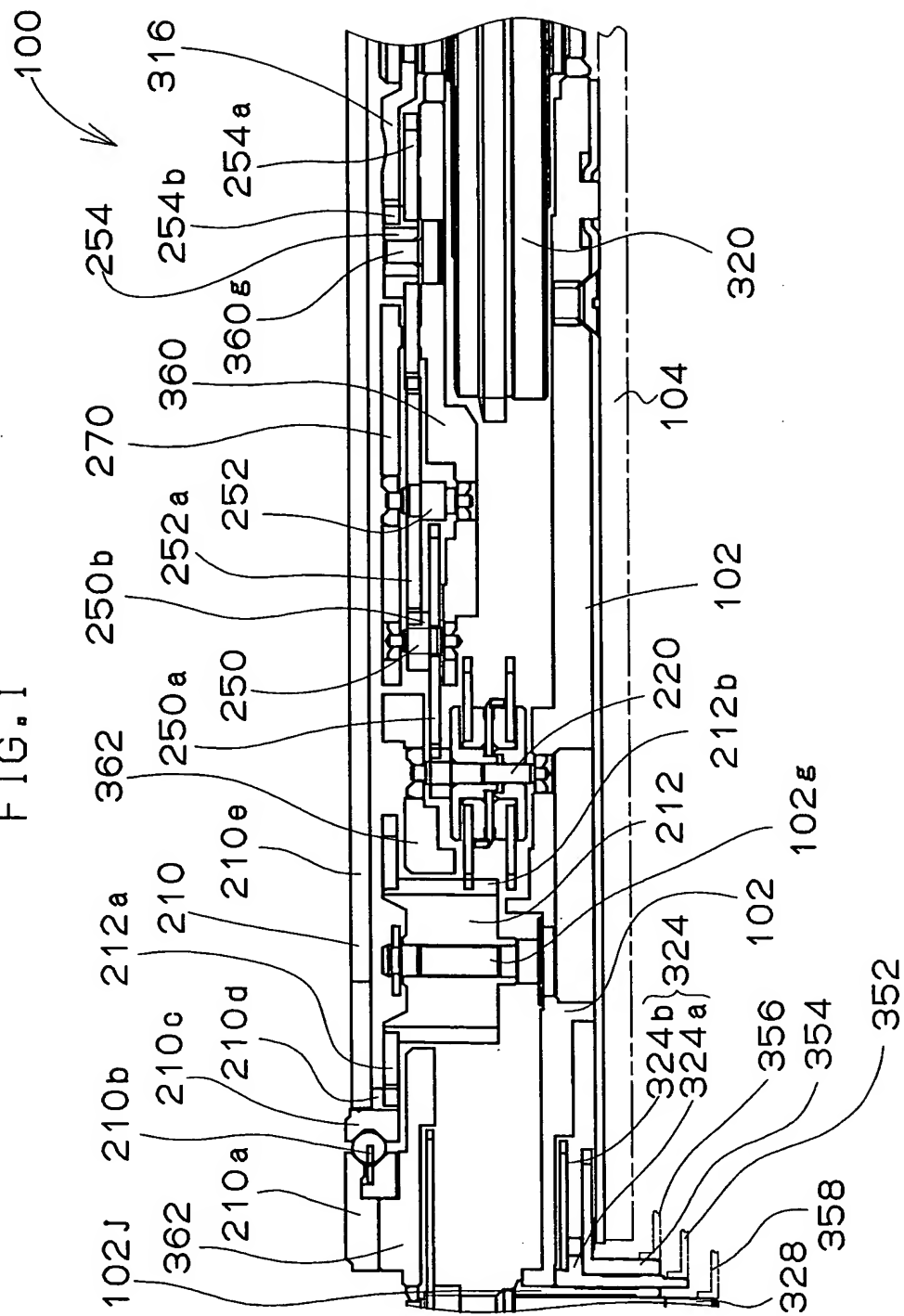
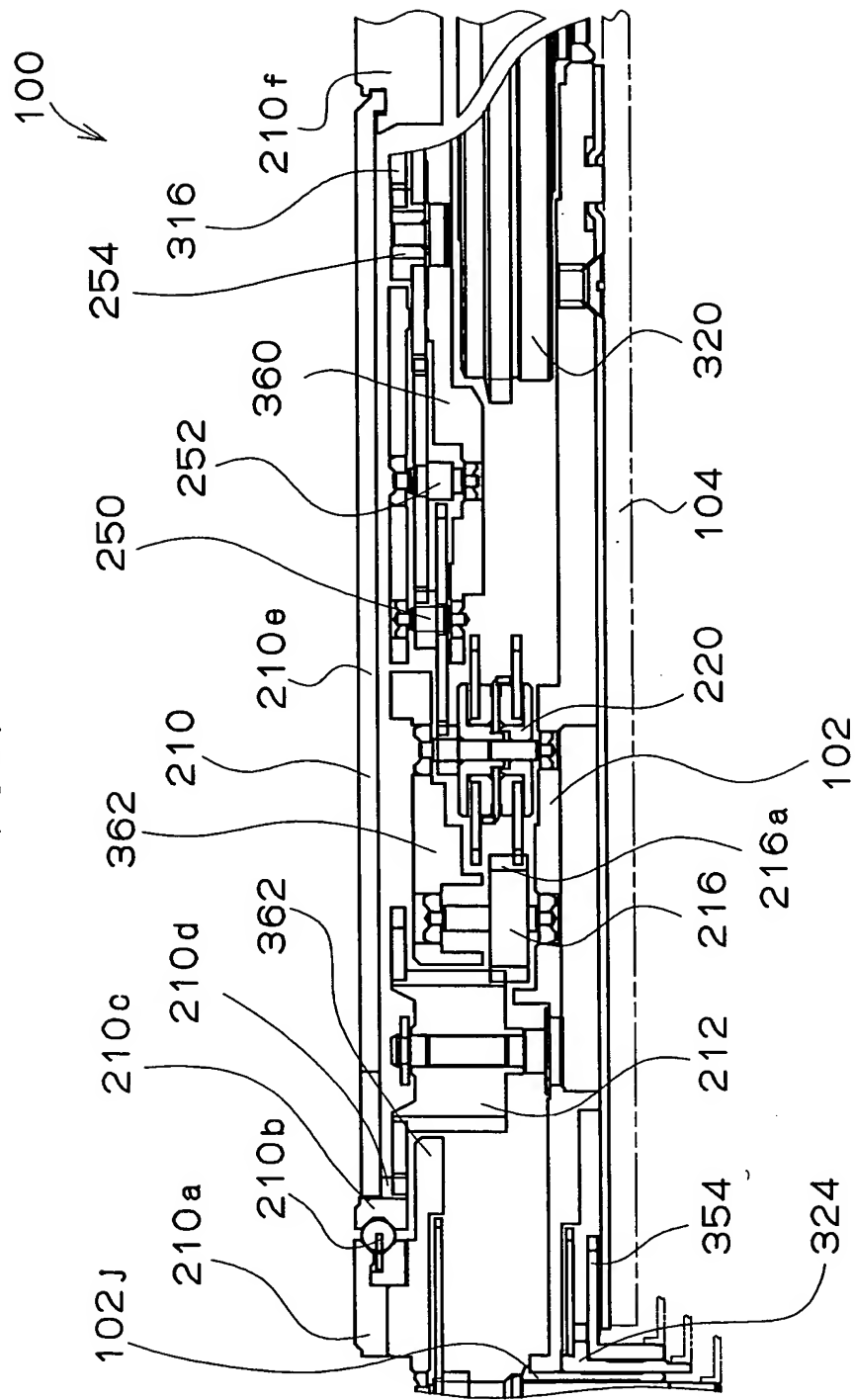


FIG. 2



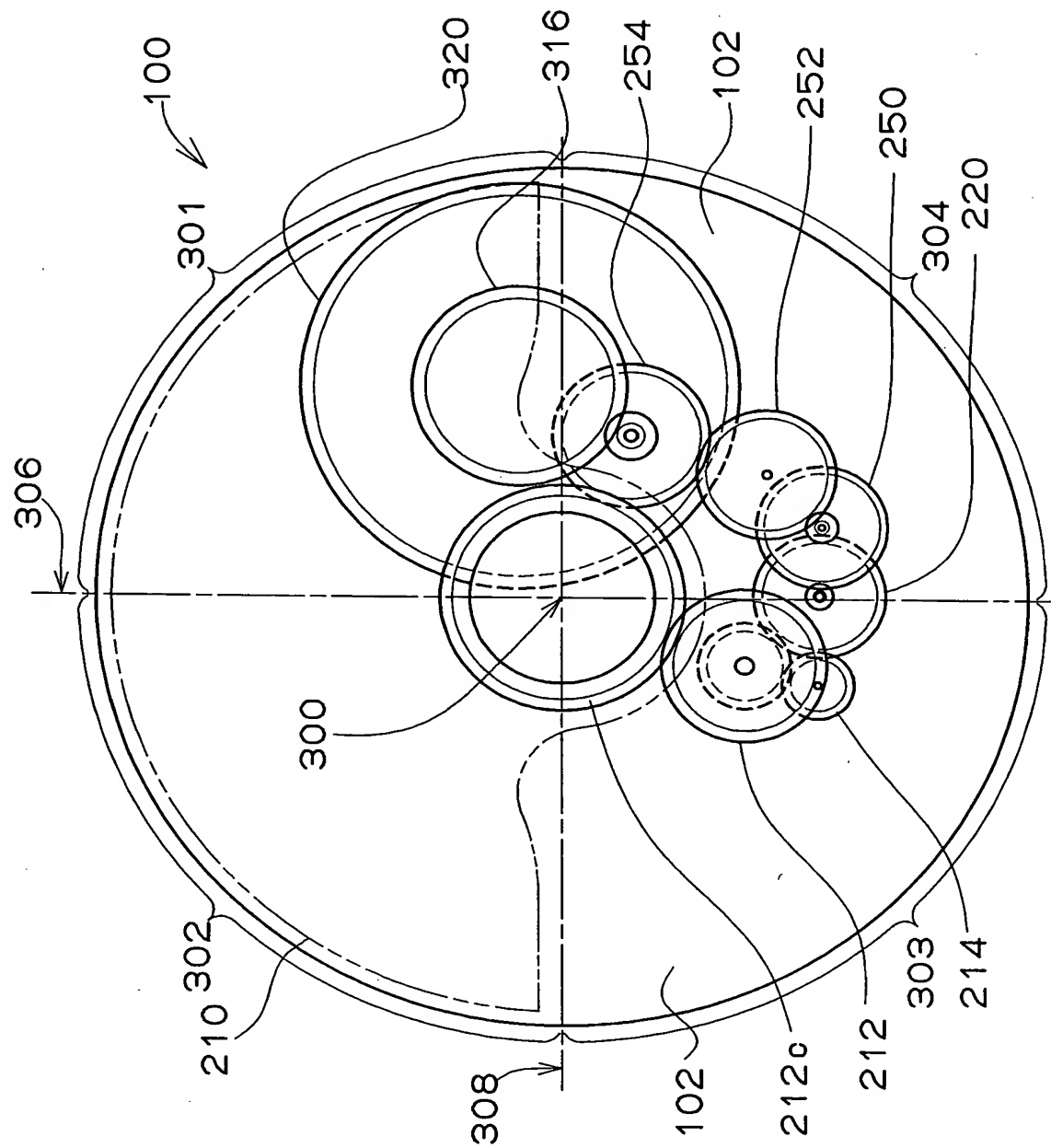
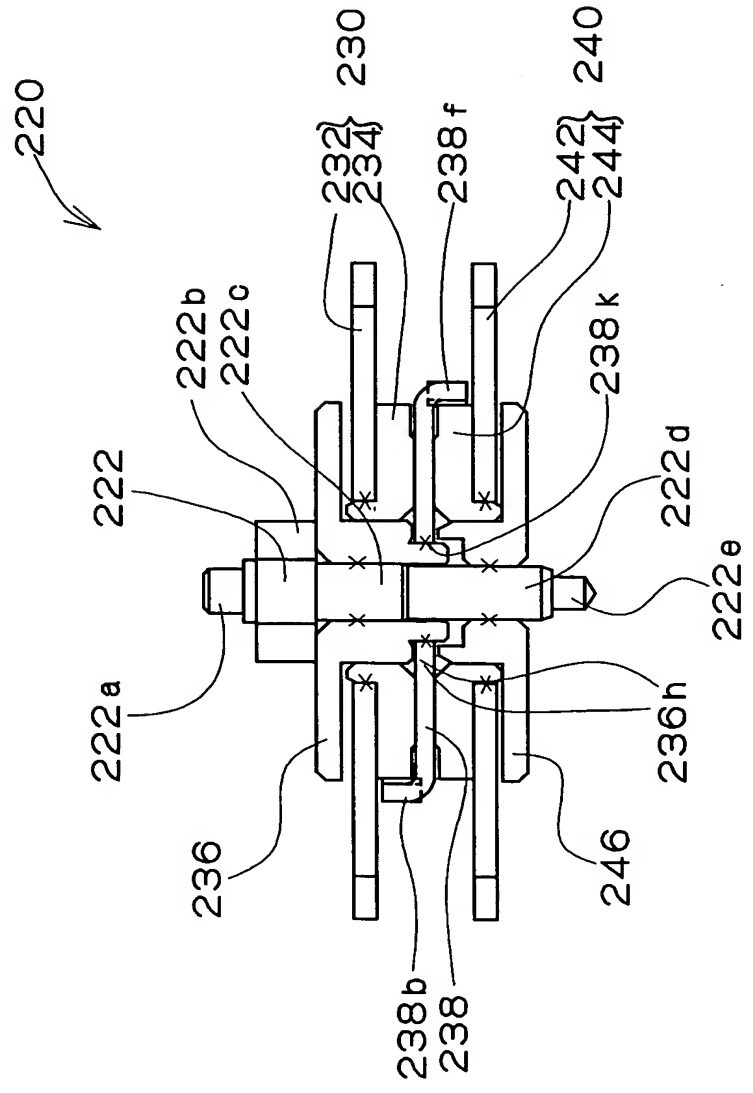


FIG. 4



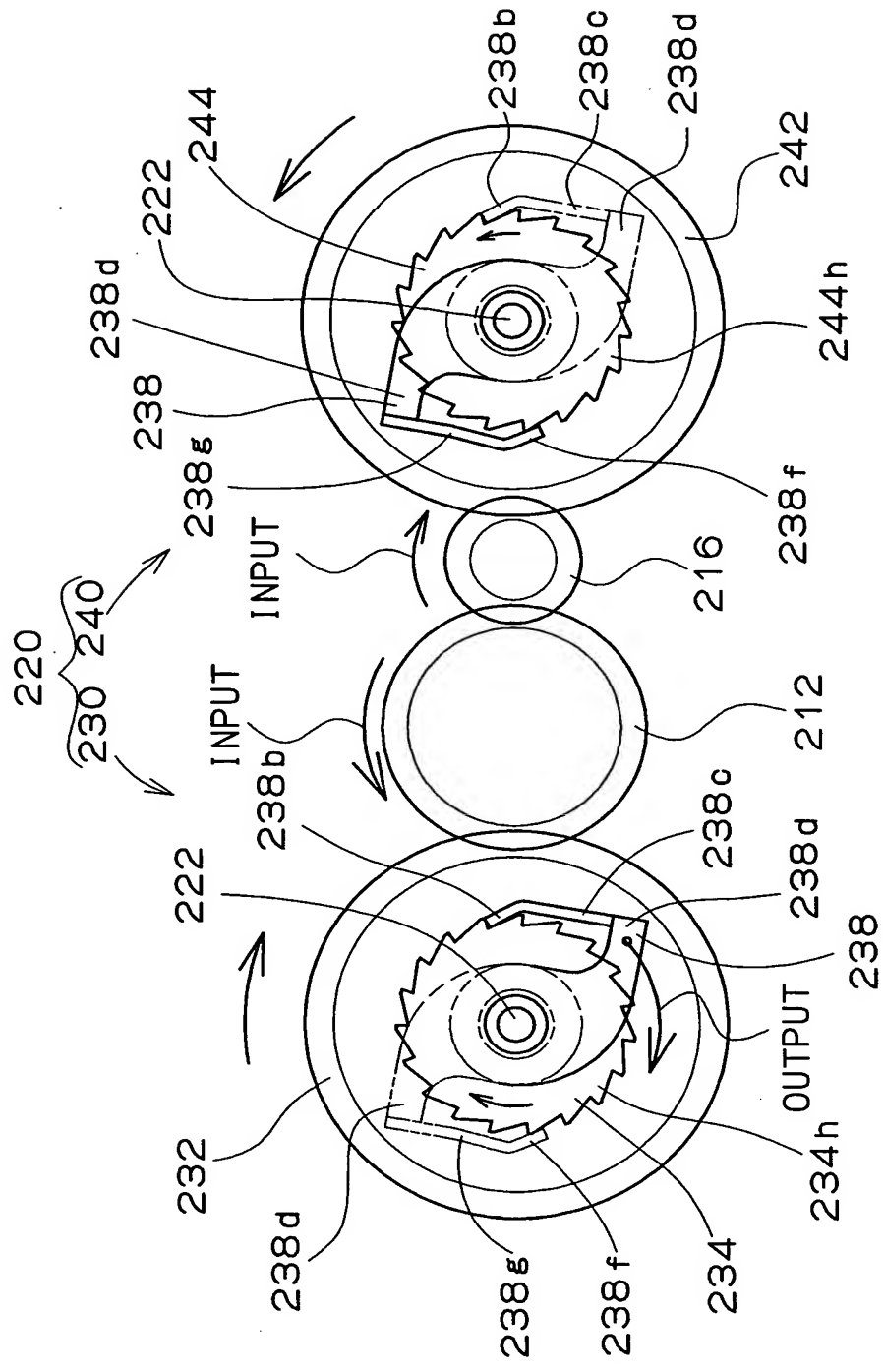


FIG. 2 is a schematic diagram of a gear assembly 220. The assembly includes a central input gear 212, a small intermediate gear 216, and two output gears 232 and 238. The input gear 212 is driven by an 'INPUT' shaft 238b. It meshes with the intermediate gear 216, which in turn meshes with the output gear 232. The output gear 232 is connected to an 'OUTPUT' shaft 238d. The output gear 238 is also connected to an 'OUTPUT' shaft 238d. The assembly is shown in a cross-sectional view with various components labeled with reference numerals.

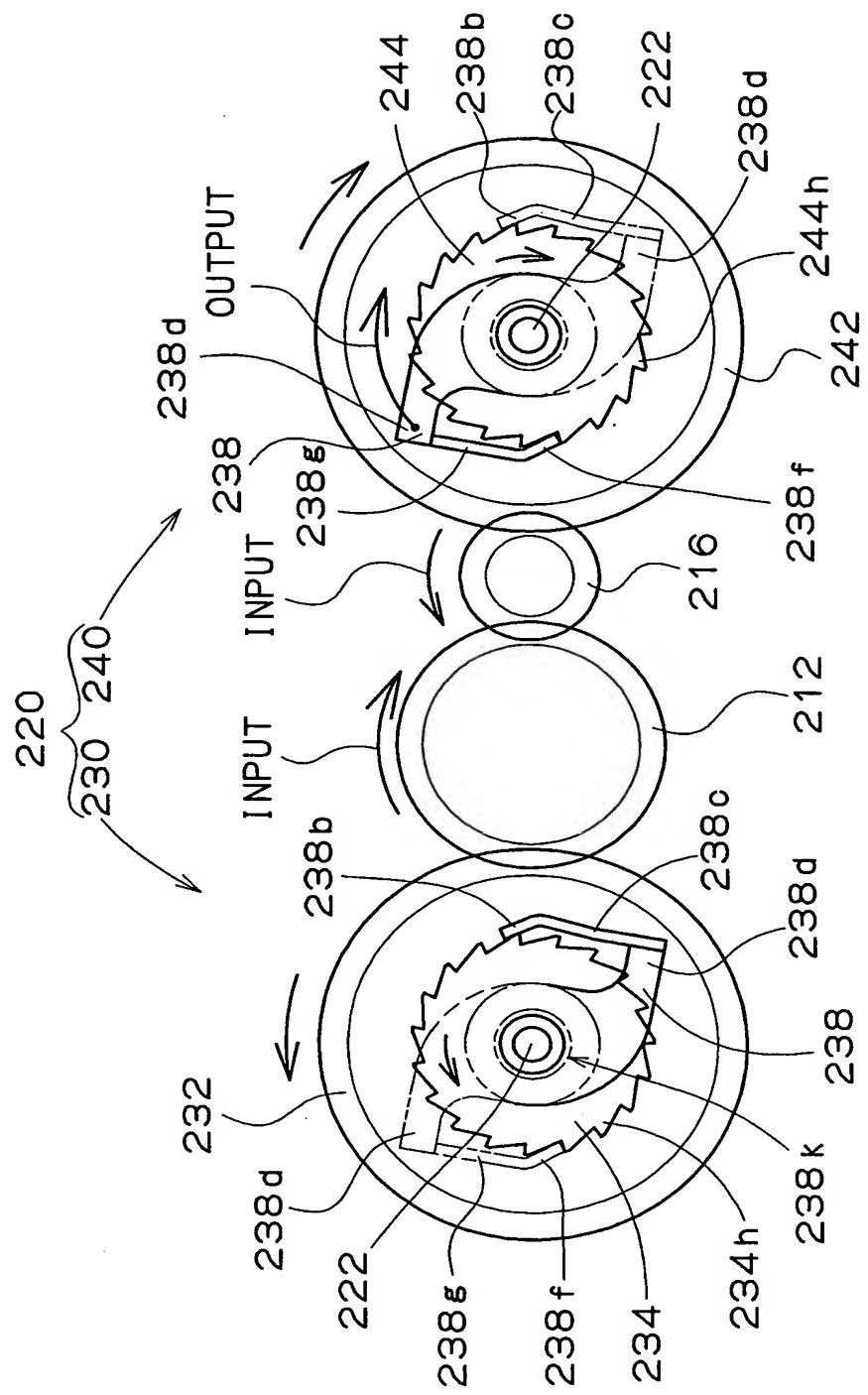


FIG. 7

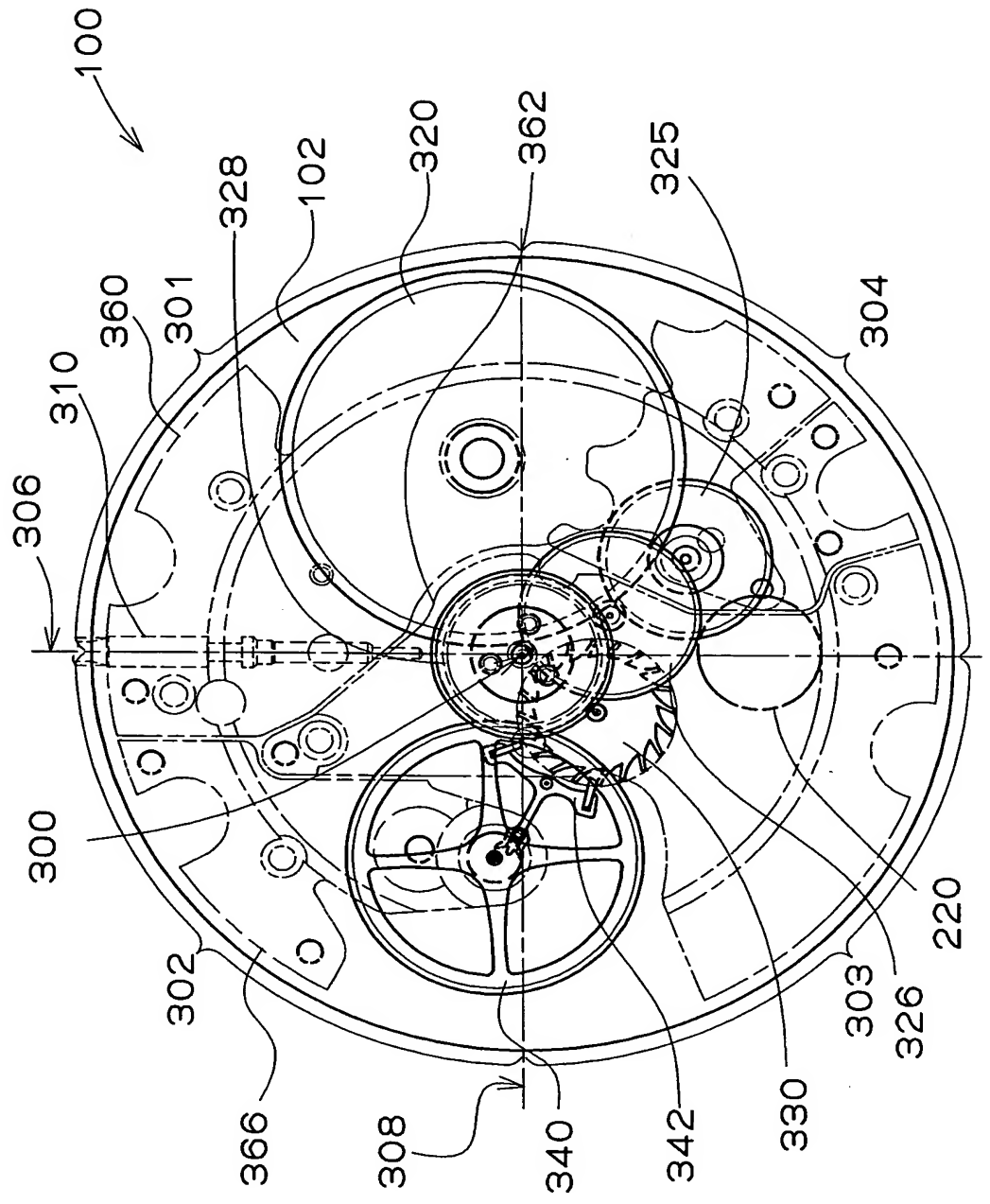


FIG. 8

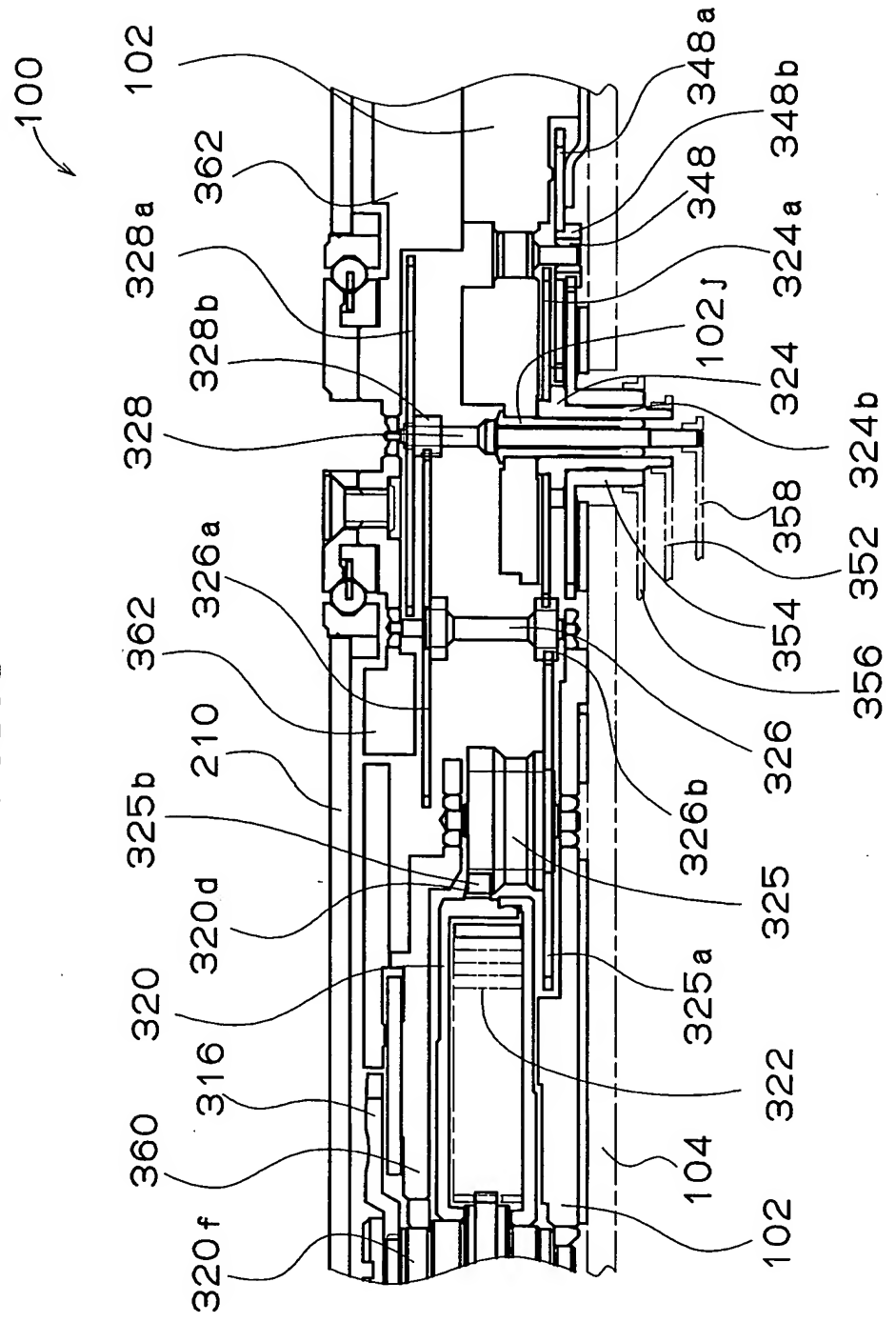




FIG. 9

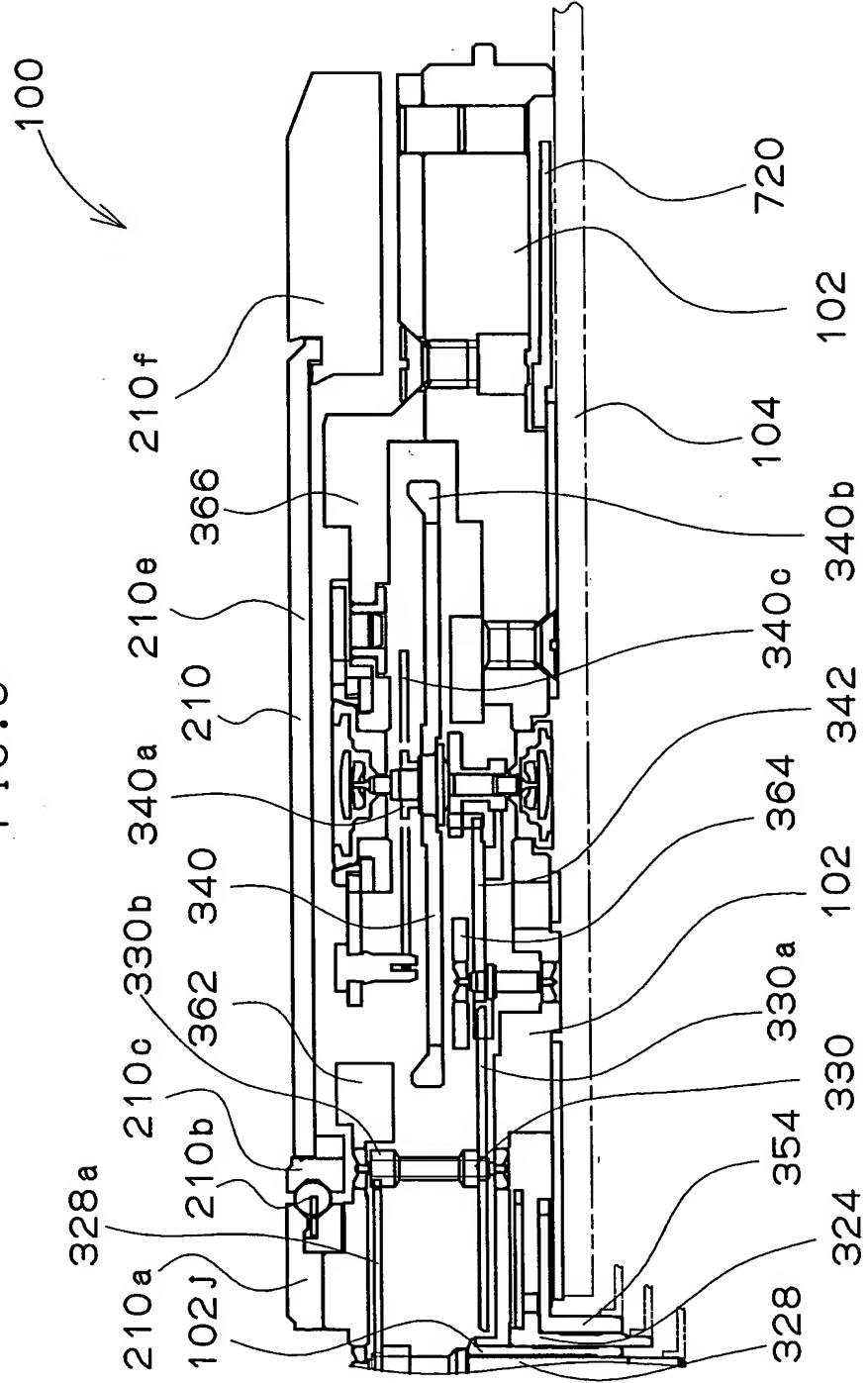


FIG. 10

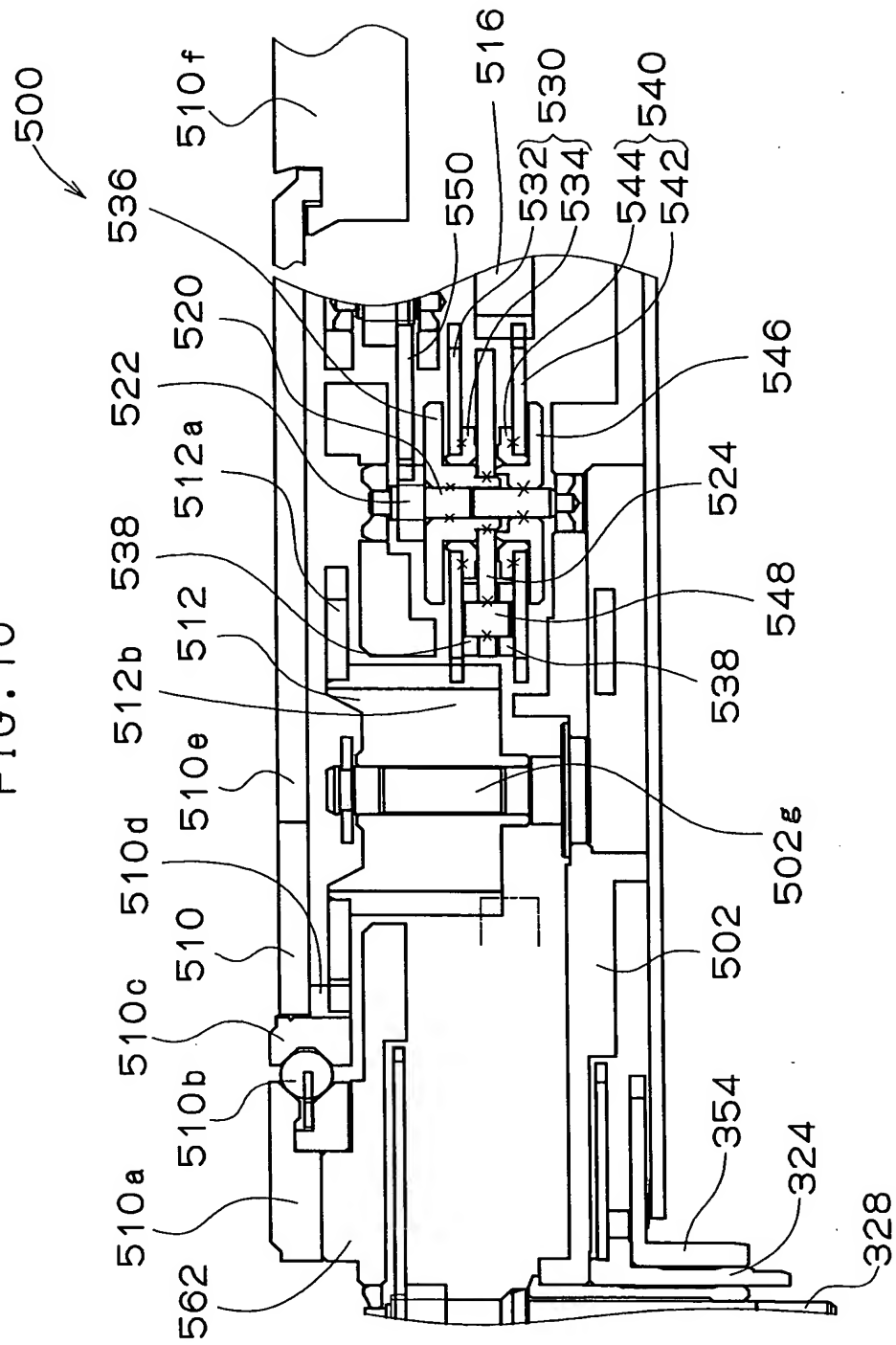


FIG. 11

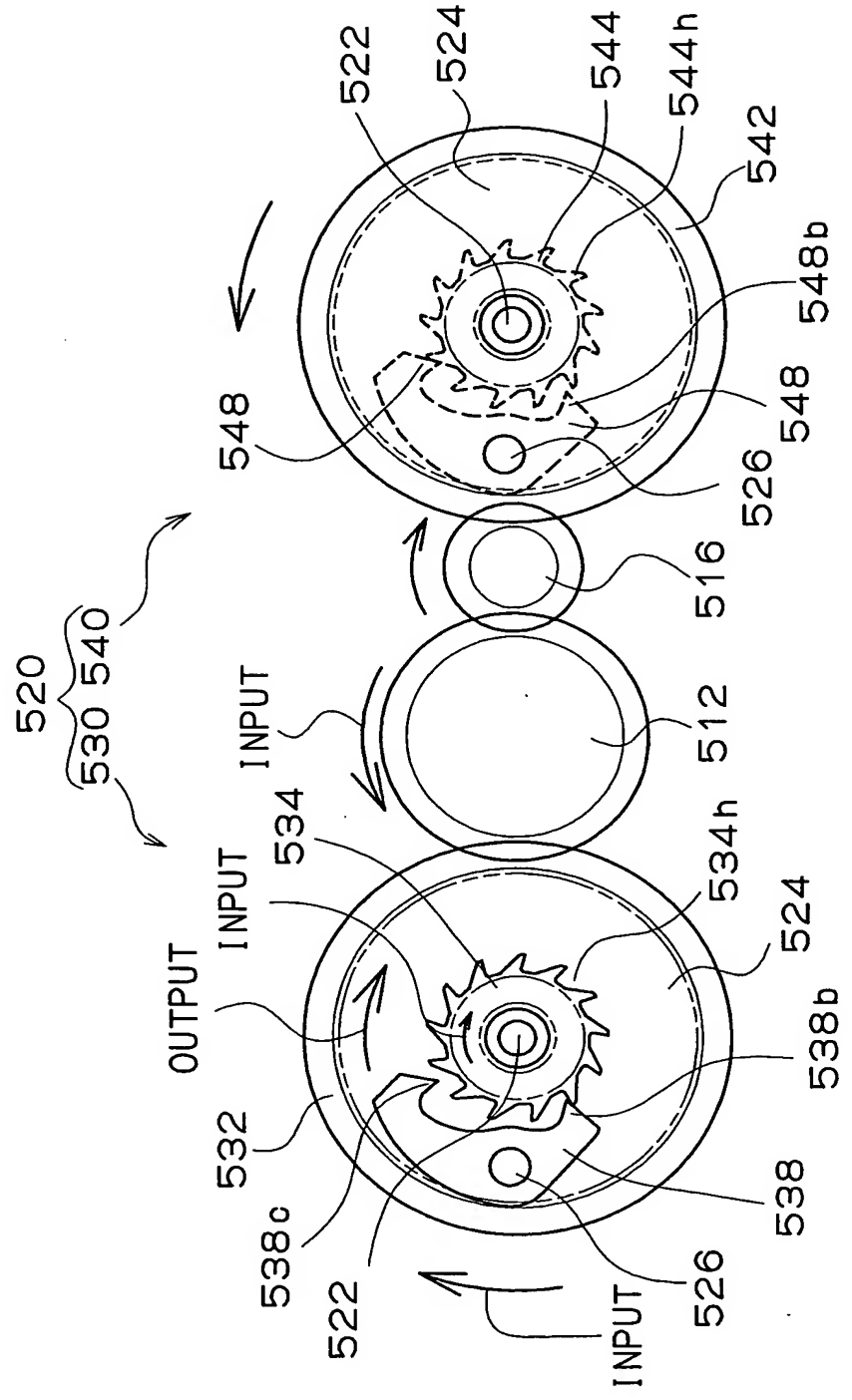


FIG. 12

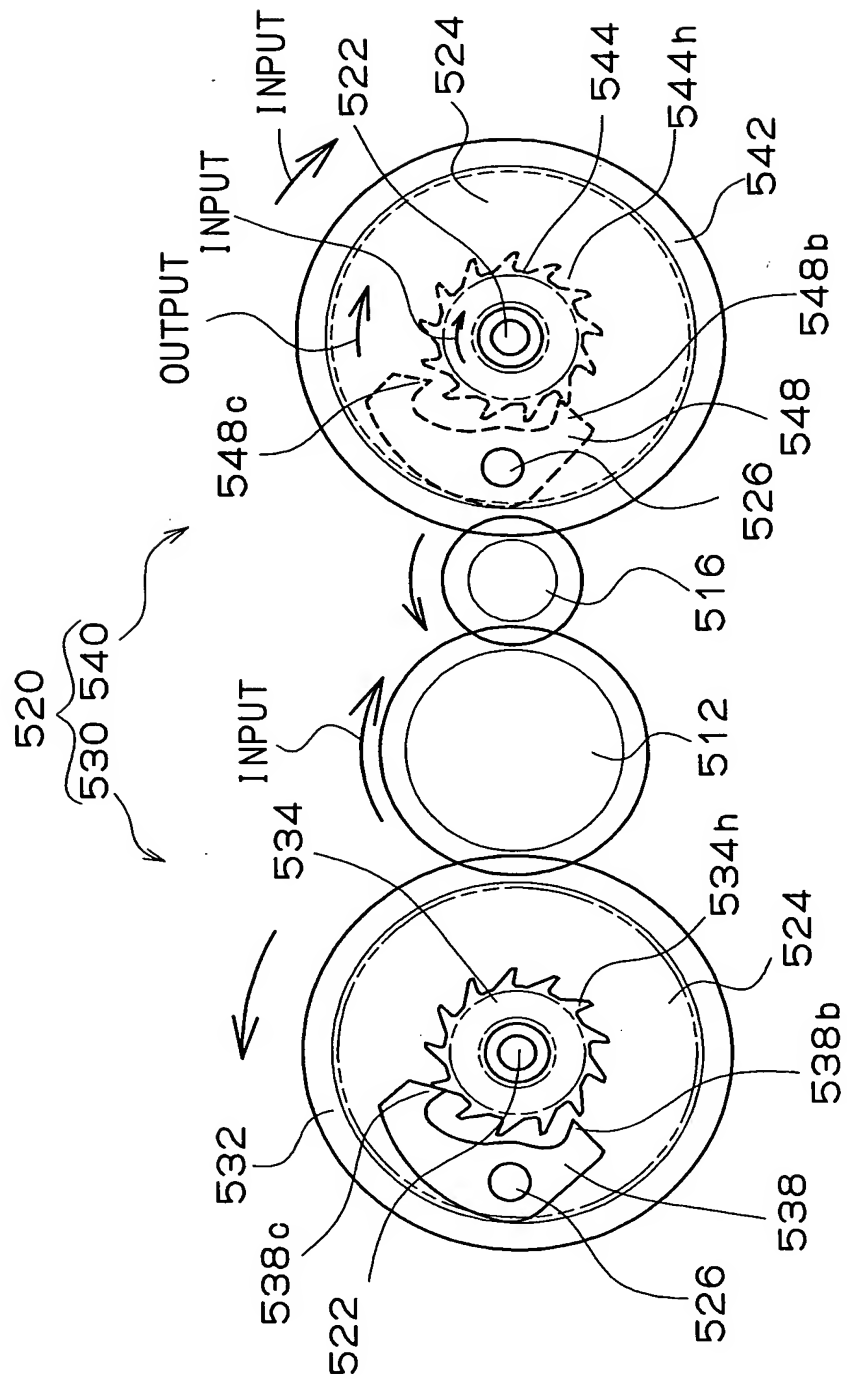
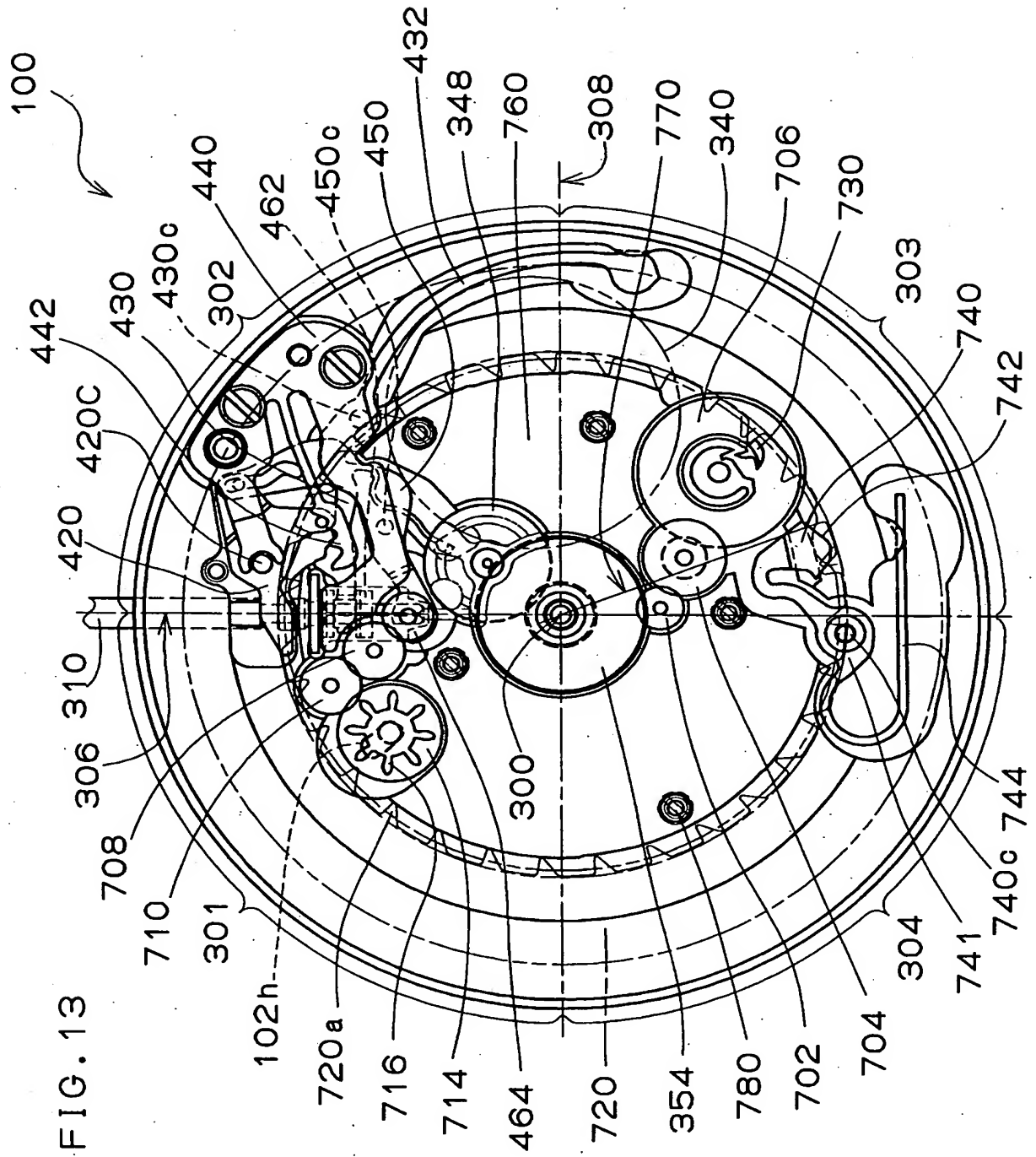


FIG. 13



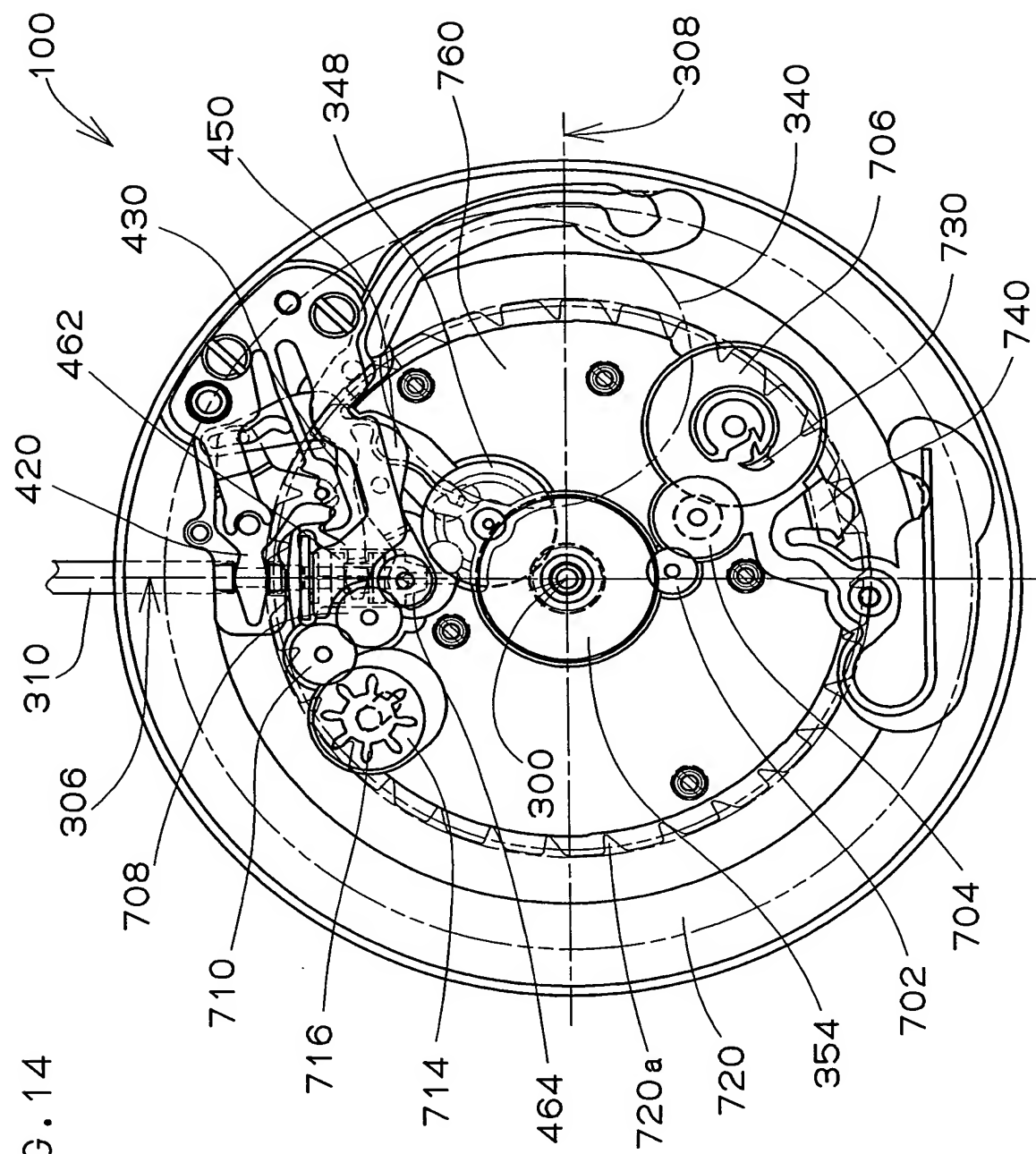


FIG. 14

FIG. 1 is a schematic diagram of a date indicator mechanism. The diagram shows a series of interlocking gears (716, 714, 102h, 102) and a date indicator (720a) mounted on a rotating body (720). A curved arrow indicates the "ROLLING DIRECTION". Various components are labeled with reference numerals: 720a, 720, 716, 714, 102h, 102, 462, 430, 464, 450, 710, and 708.

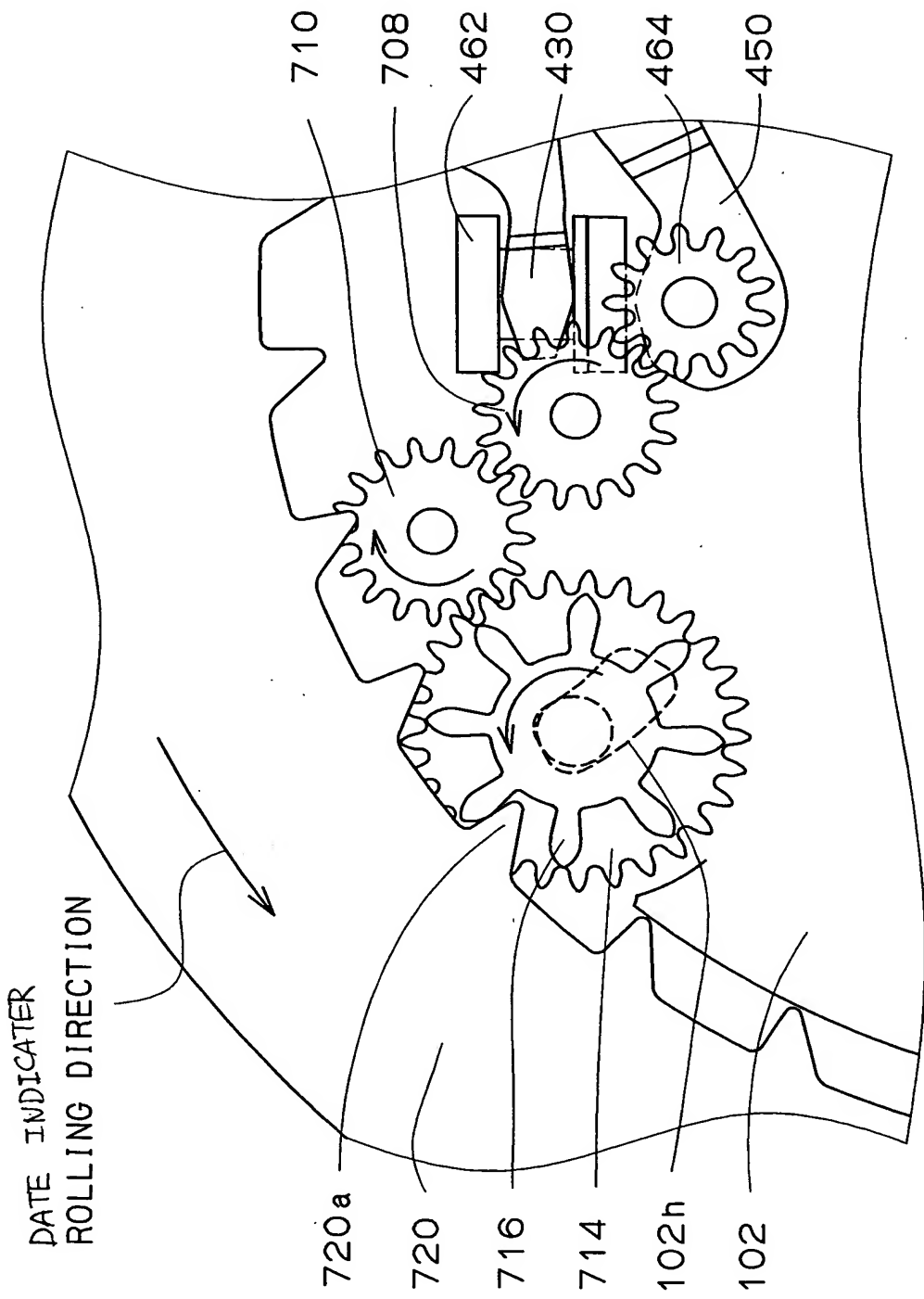


FIG. 16

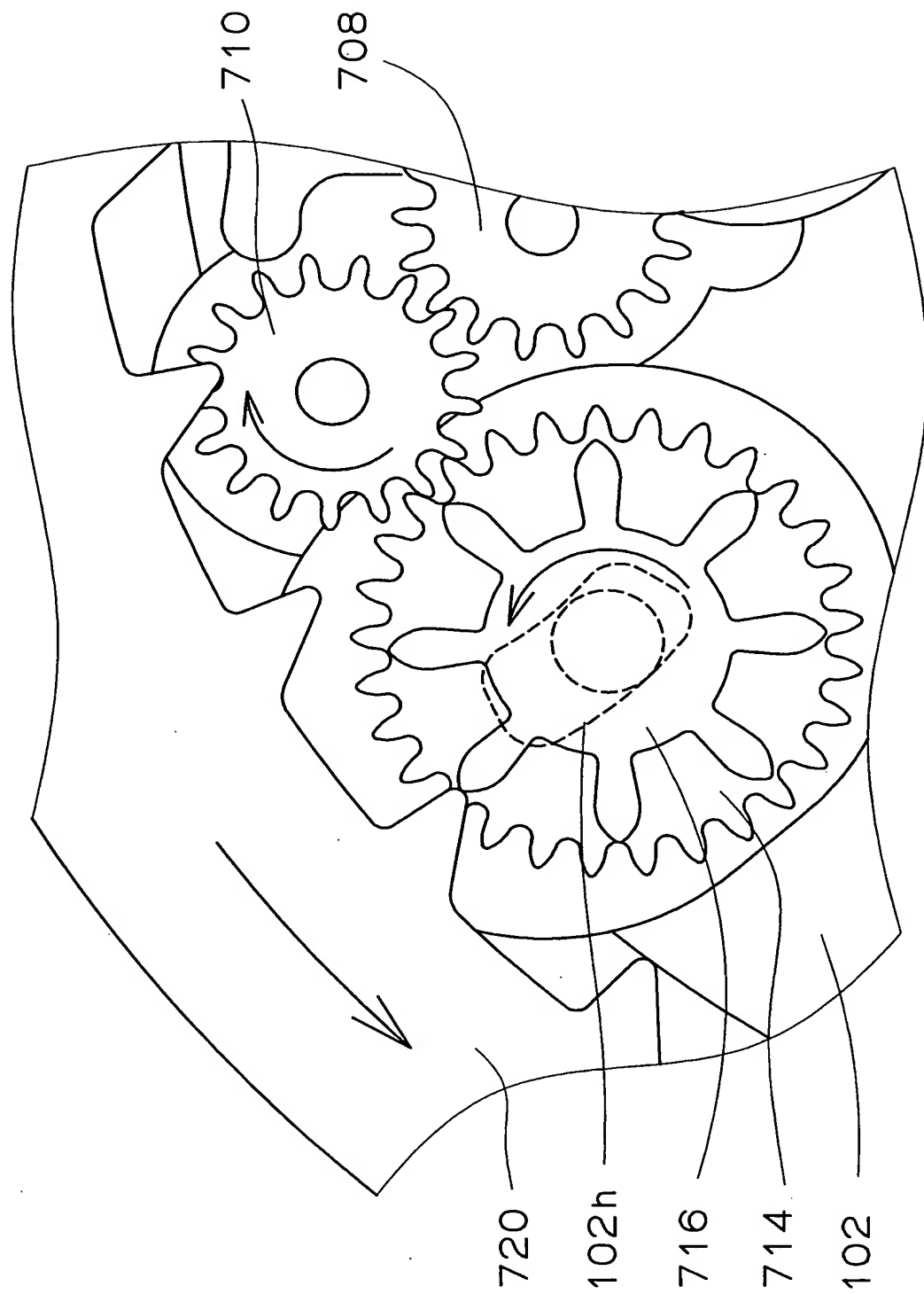




FIG. 17

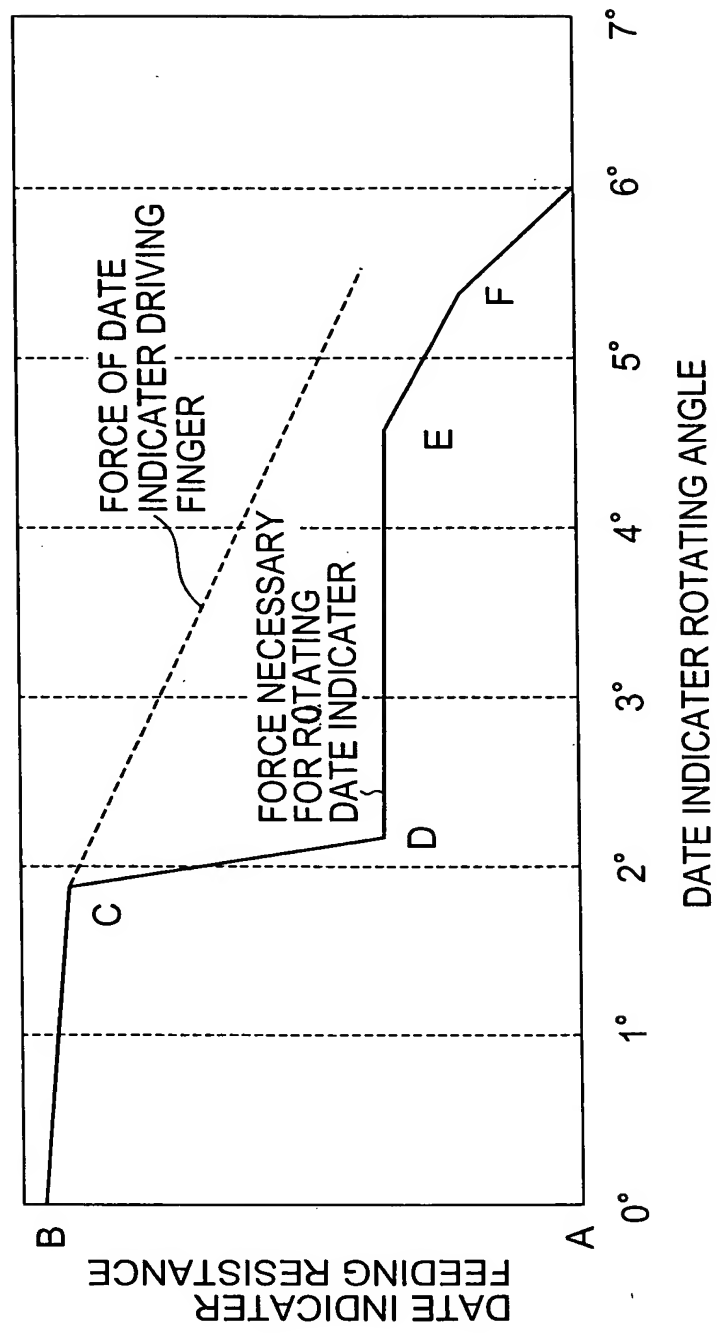


FIG. 18

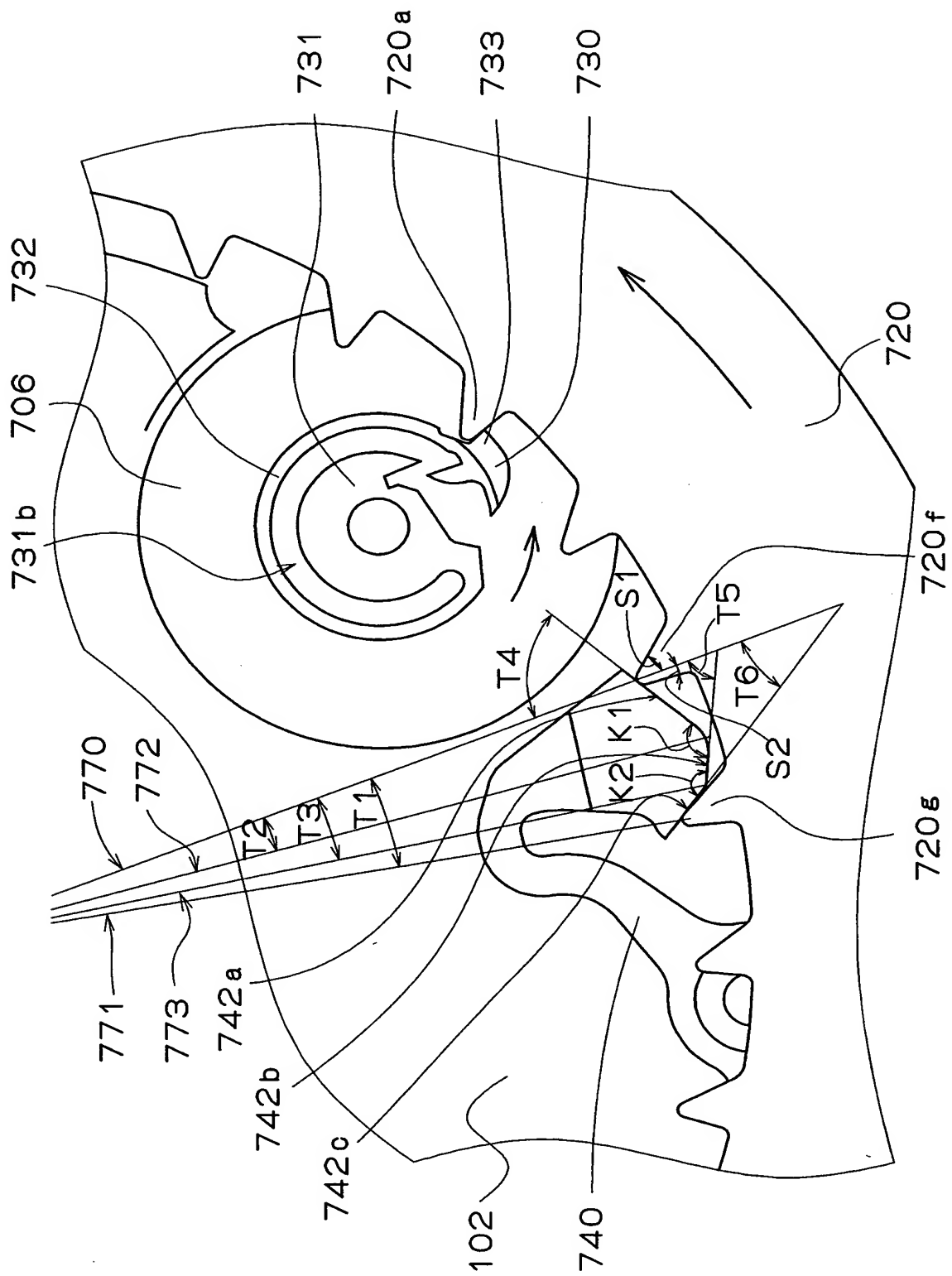
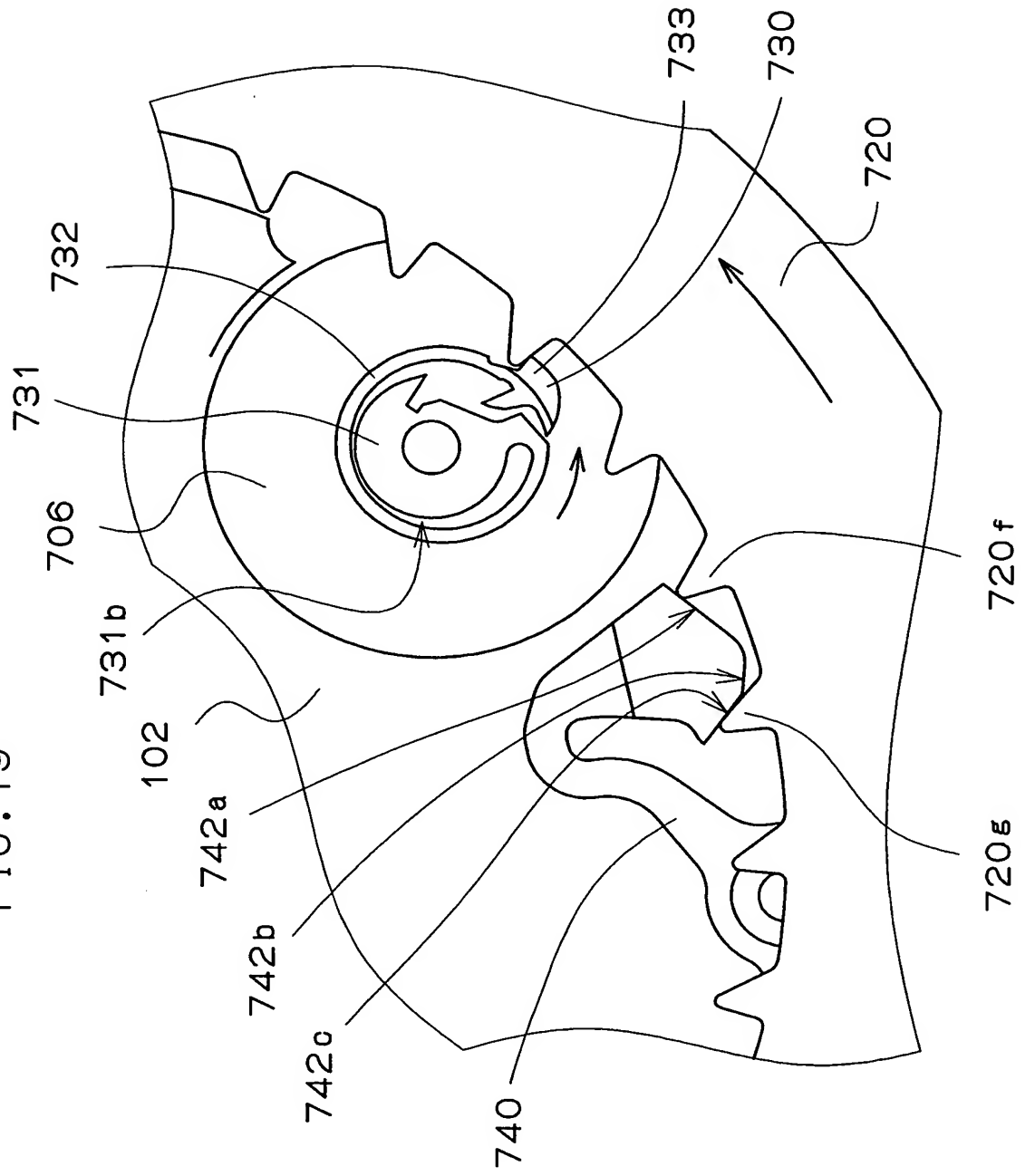


FIG. 19



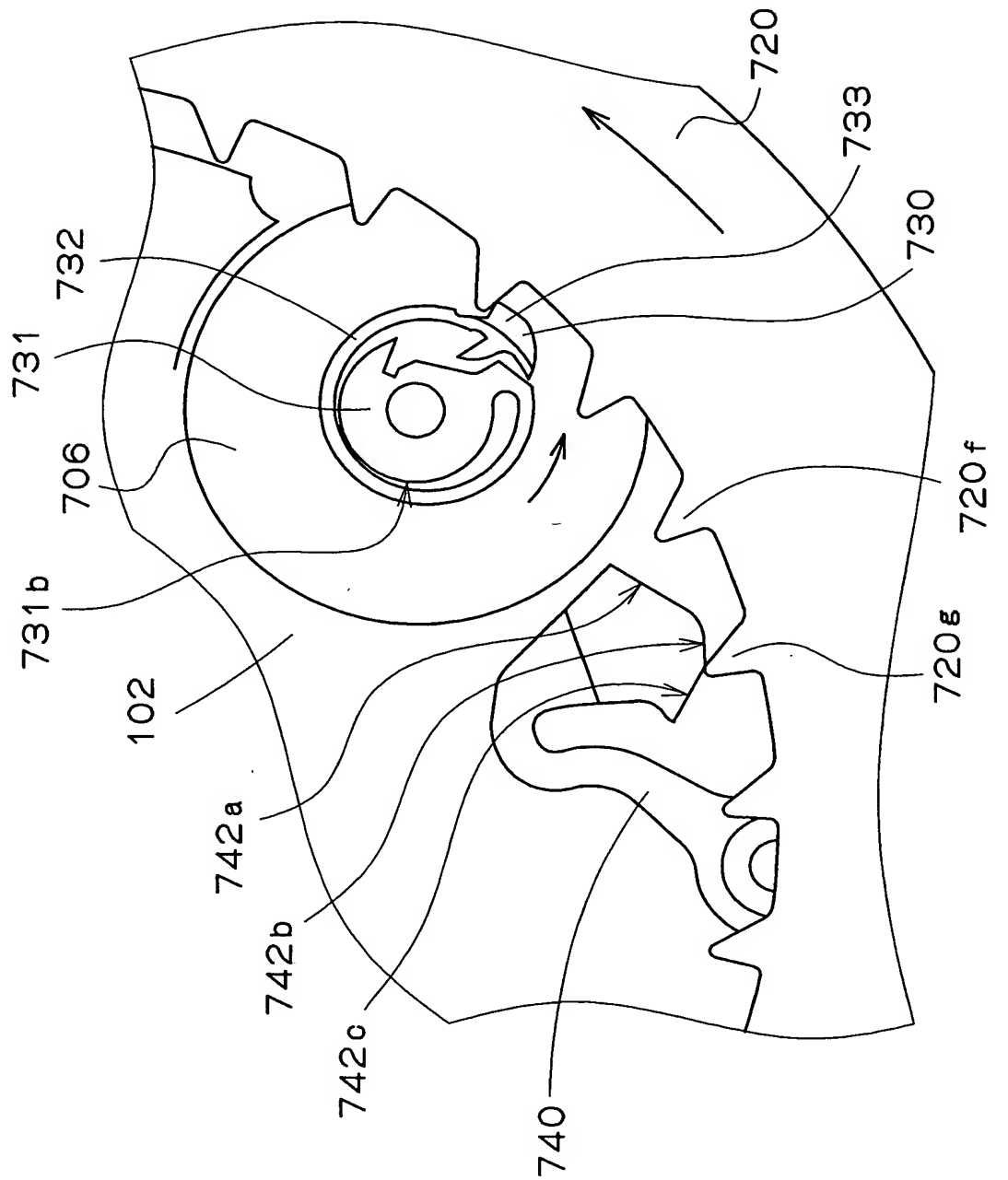


FIG. 21

102

706

731b

731

732

733

730

720

740

742a

742b

742c

720f

720g

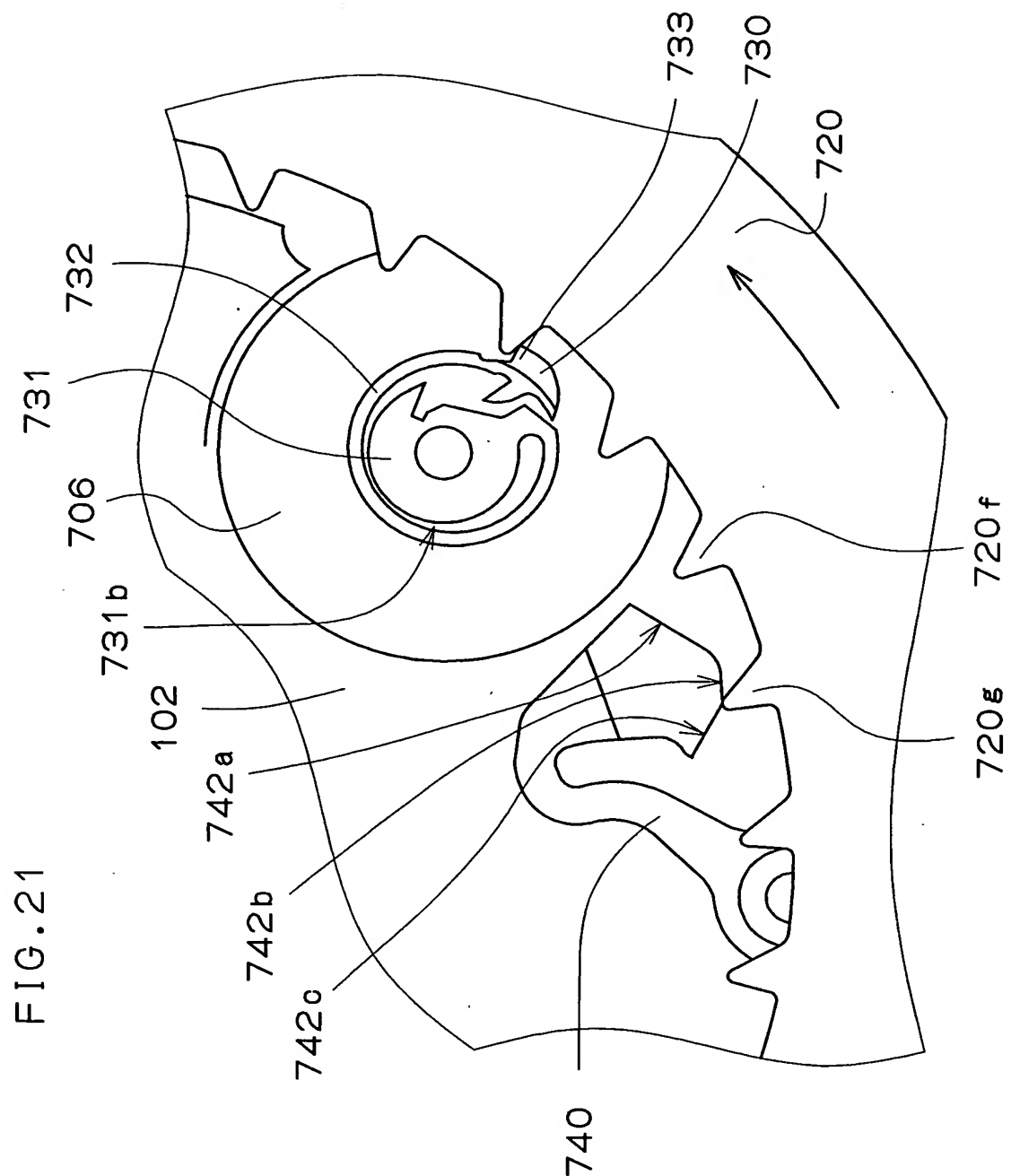


FIG. 22

102, 706, 731, 732, 730, 733, 740, 742a, 742b, 742c, 720h, 720g, 720f

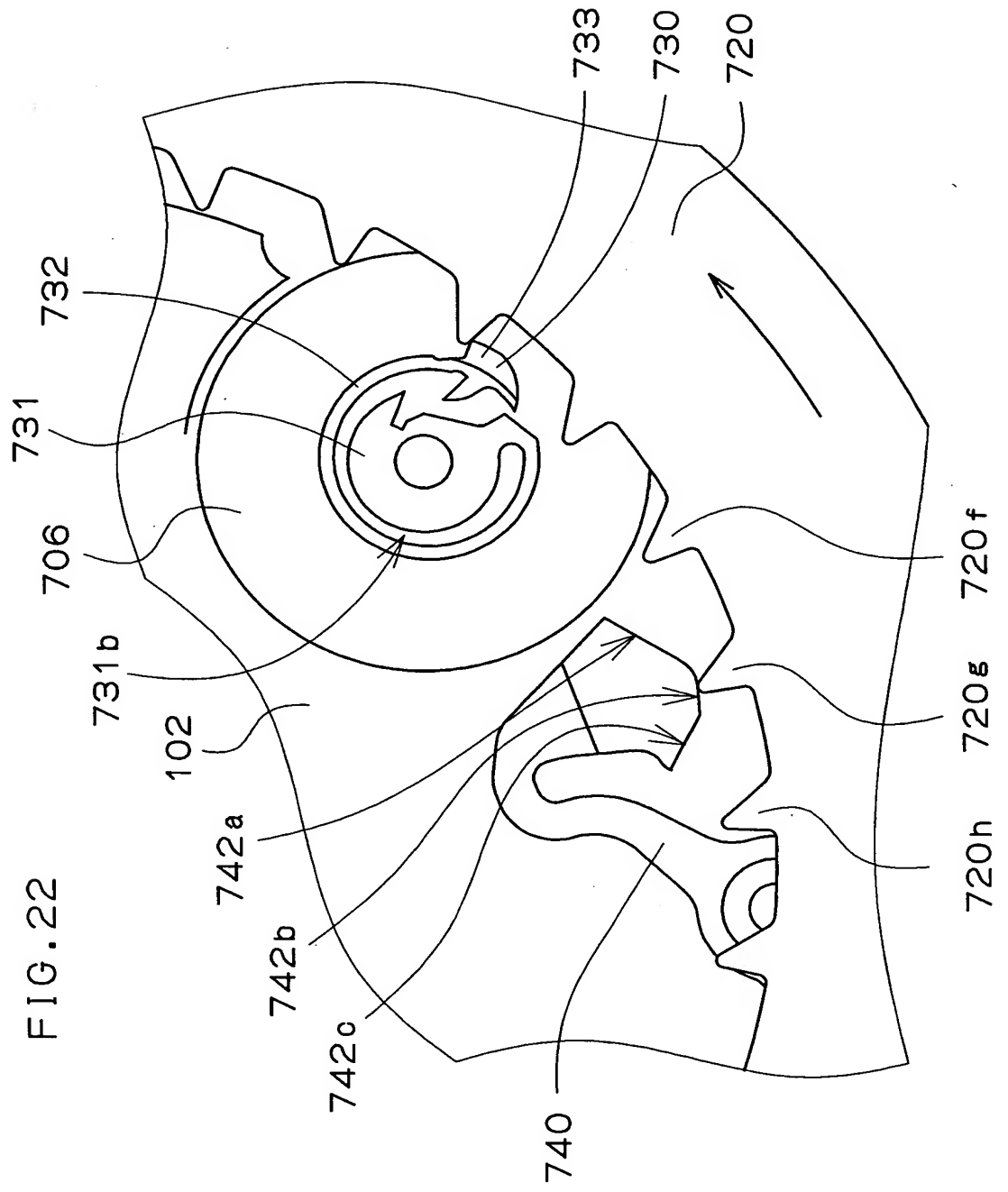


FIG. 23

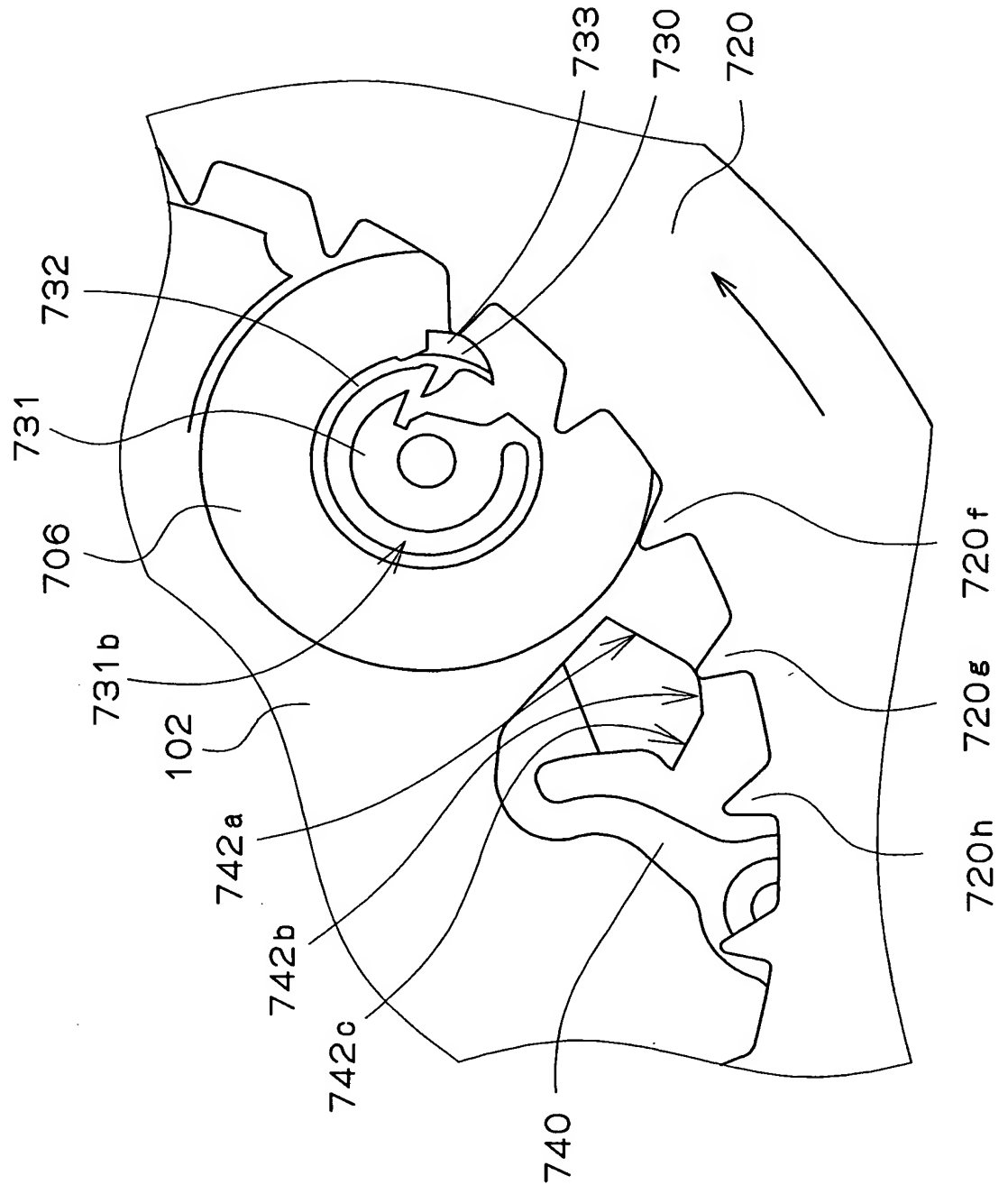


FIG.24 Prior Art

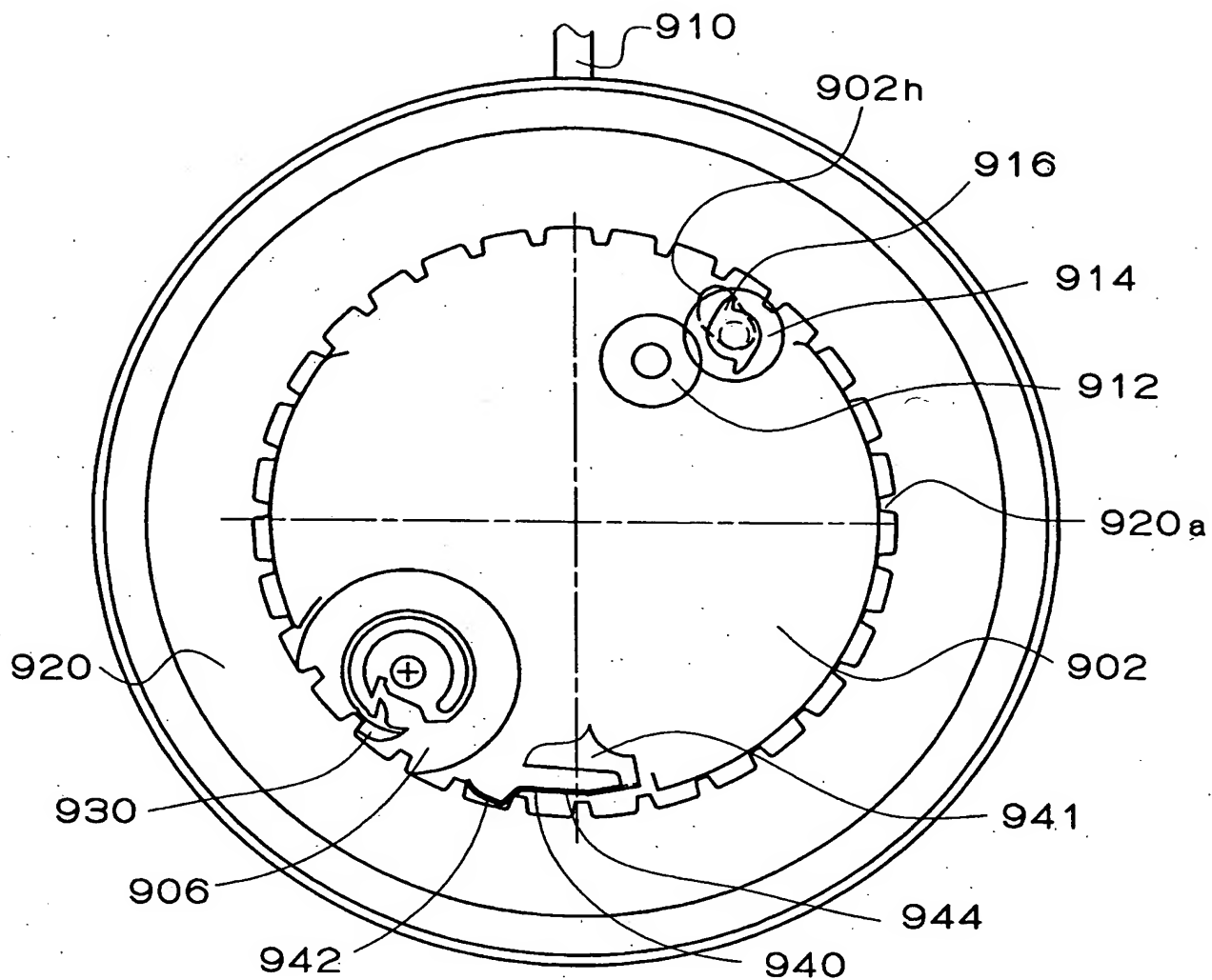




FIG.25 Prior Art

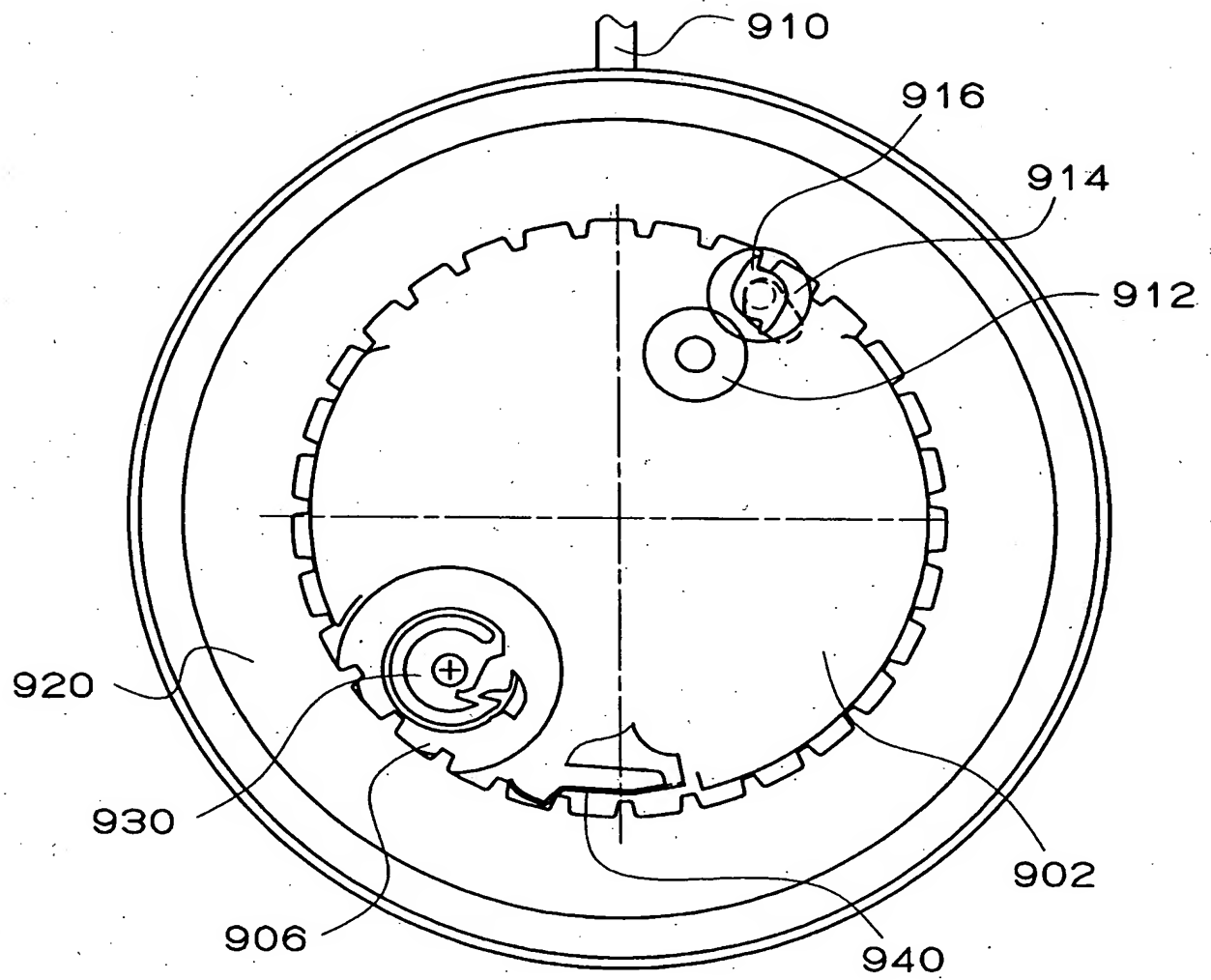


FIG.26 Prior Art

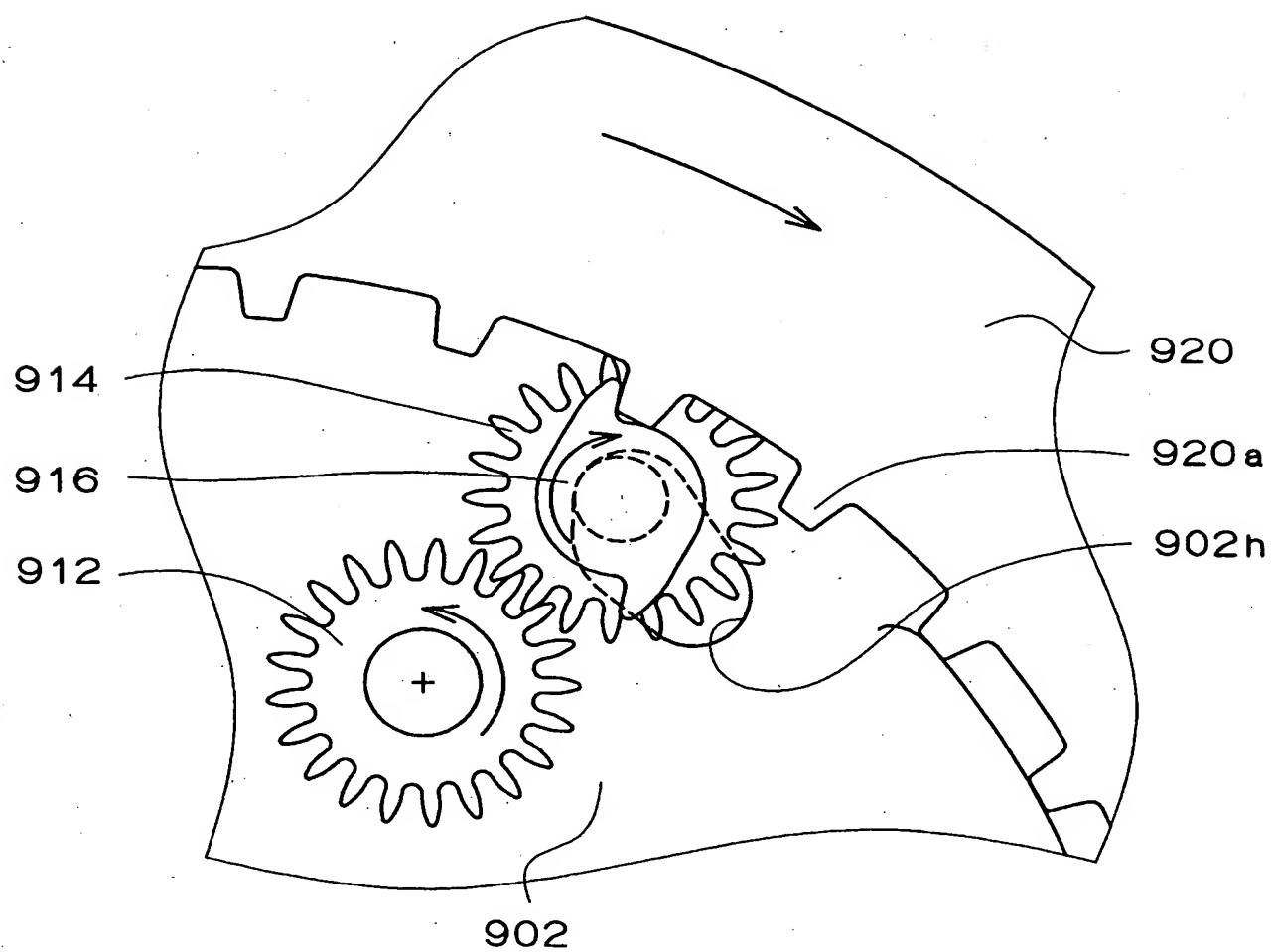


FIG. 27 Prior Art

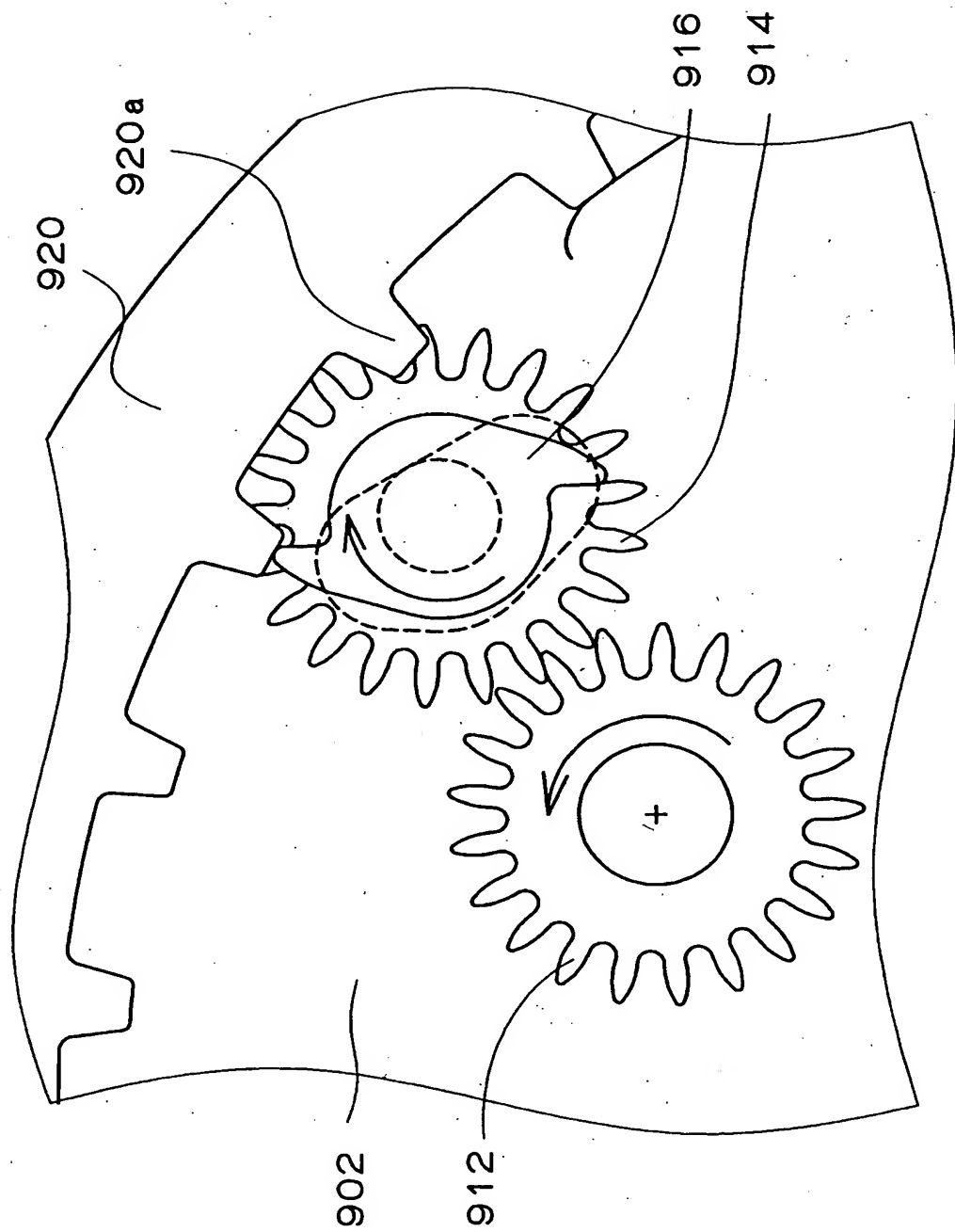


FIG. 28 Prior Art

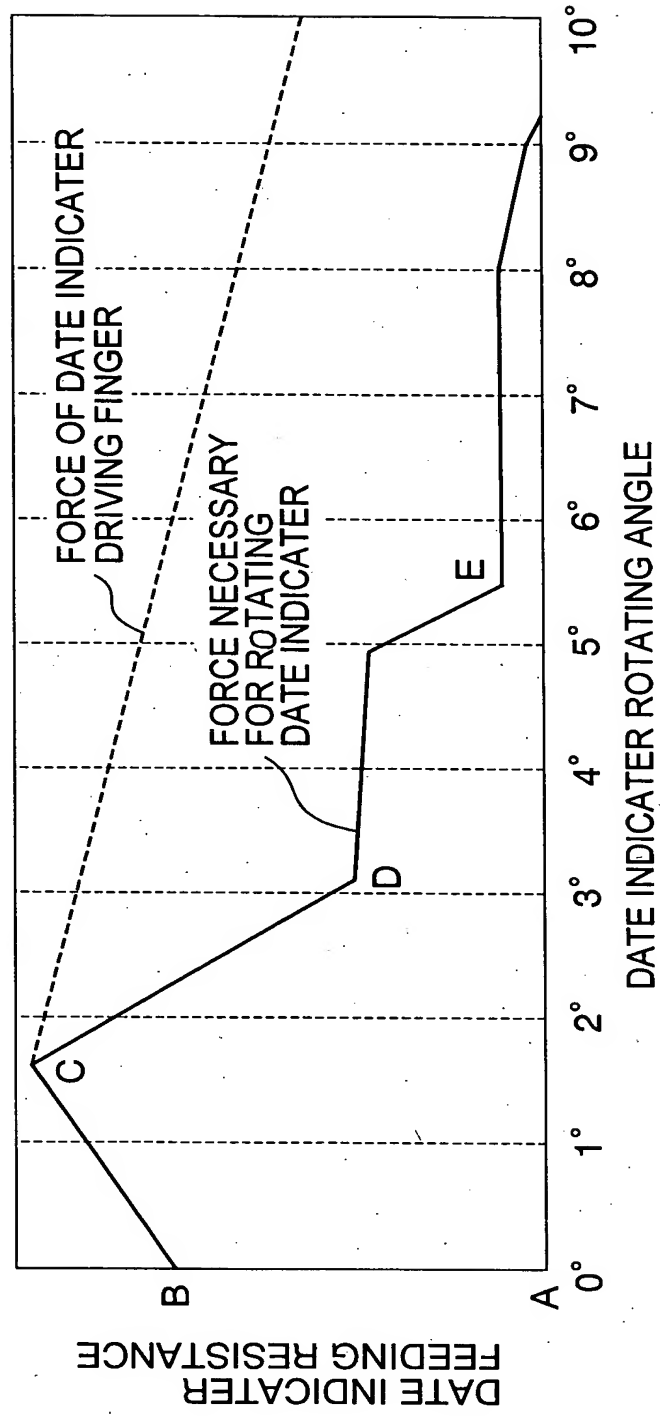


FIG.29 Prior Art

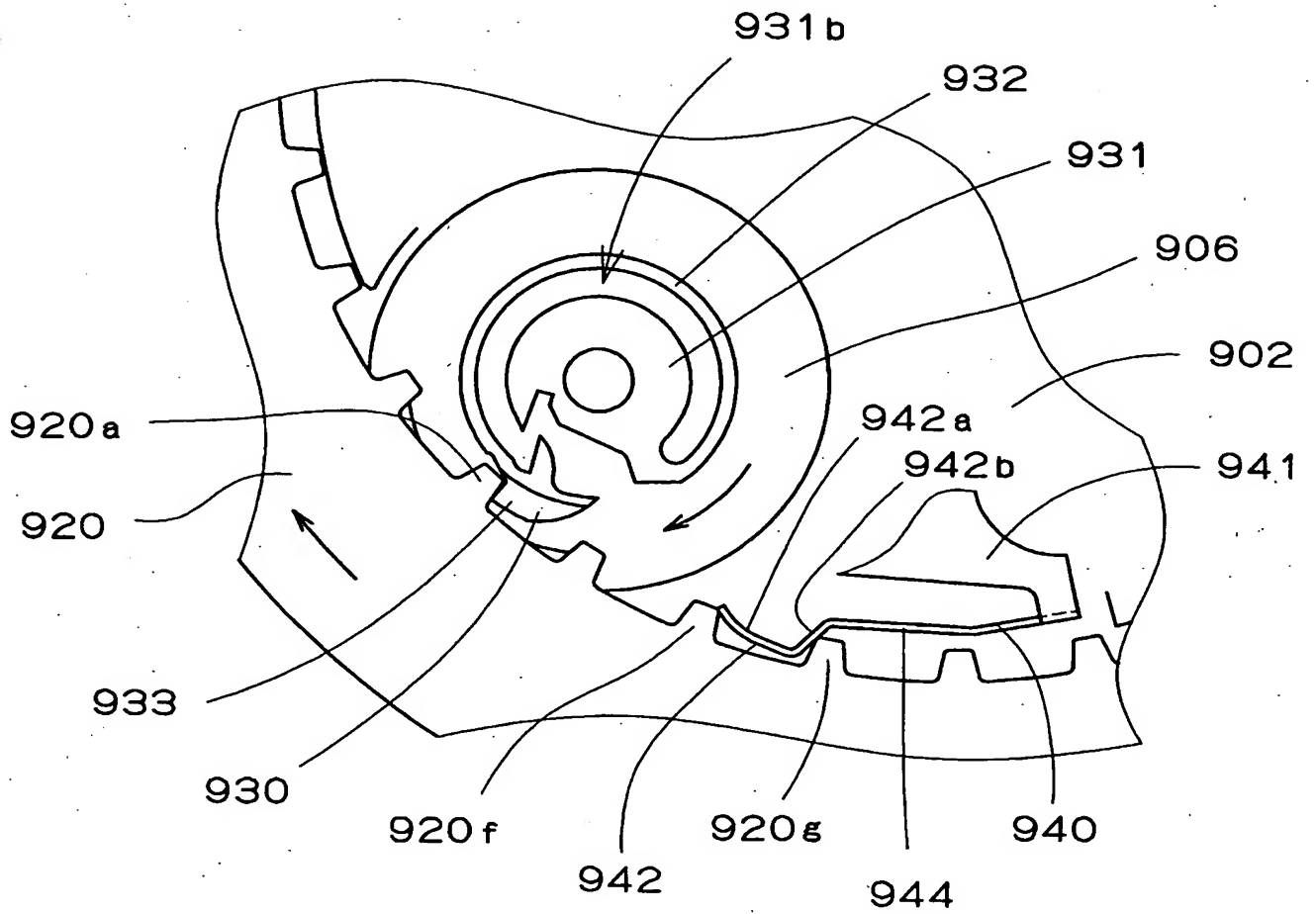


FIG. 9 is a schematic diagram illustrating a mechanical assembly, likely a pump or motor component. The diagram shows a central shaft (906) passing through a housing (902). A pinion (902) is mounted on the shaft and meshes with a gear (930). The gear (930) has teeth (931, 931b) and a hub (932). A component (940) with teeth (942a, 942b) is positioned below the gear. Other labeled parts include 920, 920f, 920g, 933, 941, and 944.

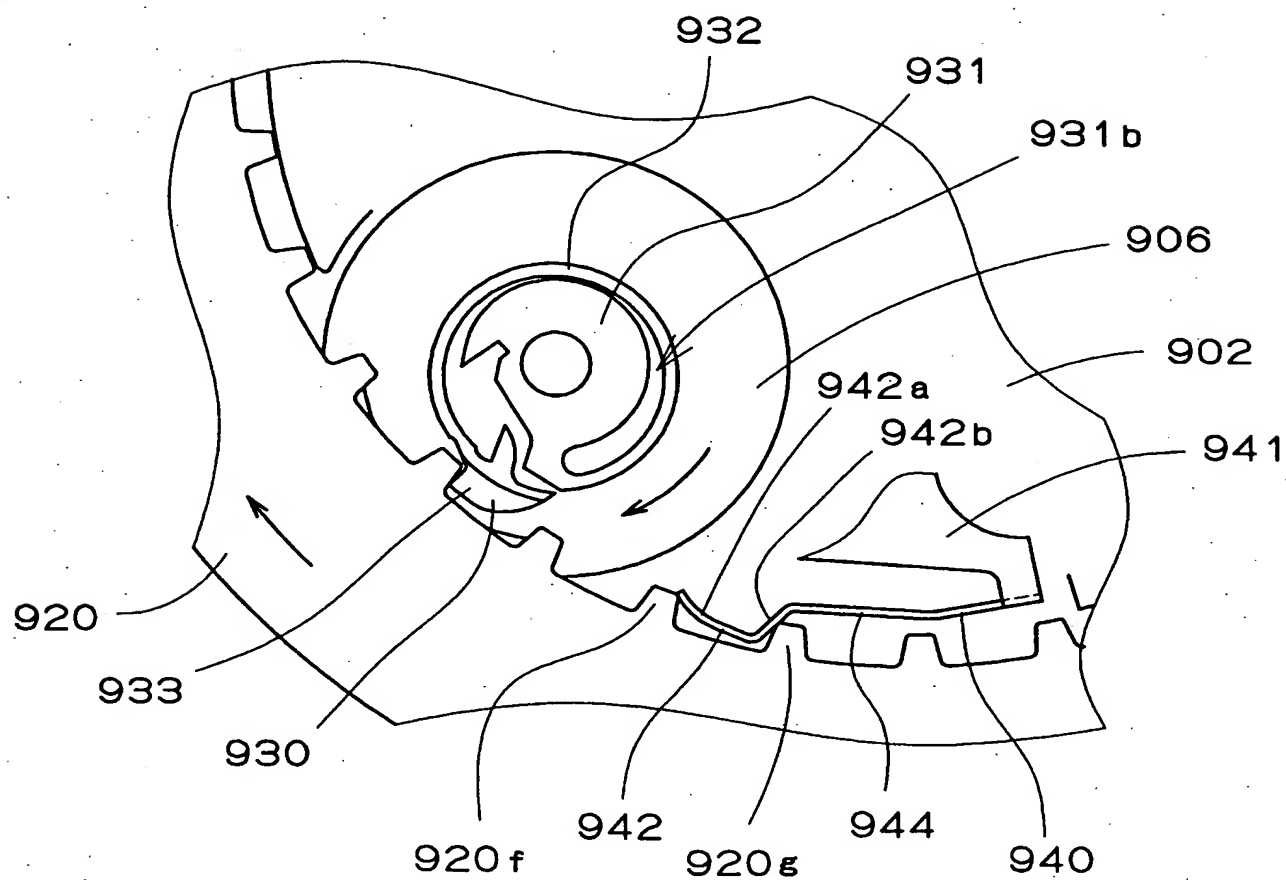


FIG.31 Prior Art

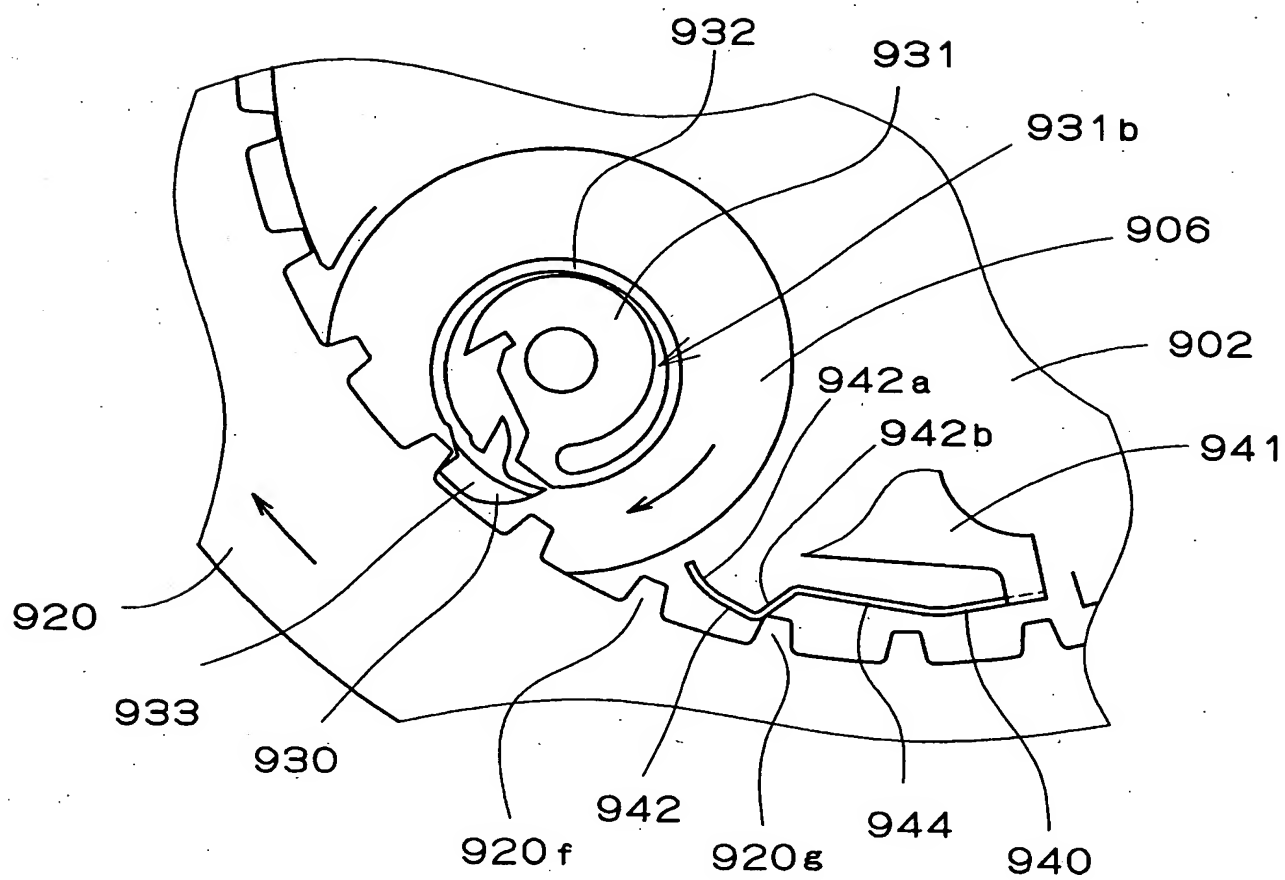


FIG.32 Prior Art

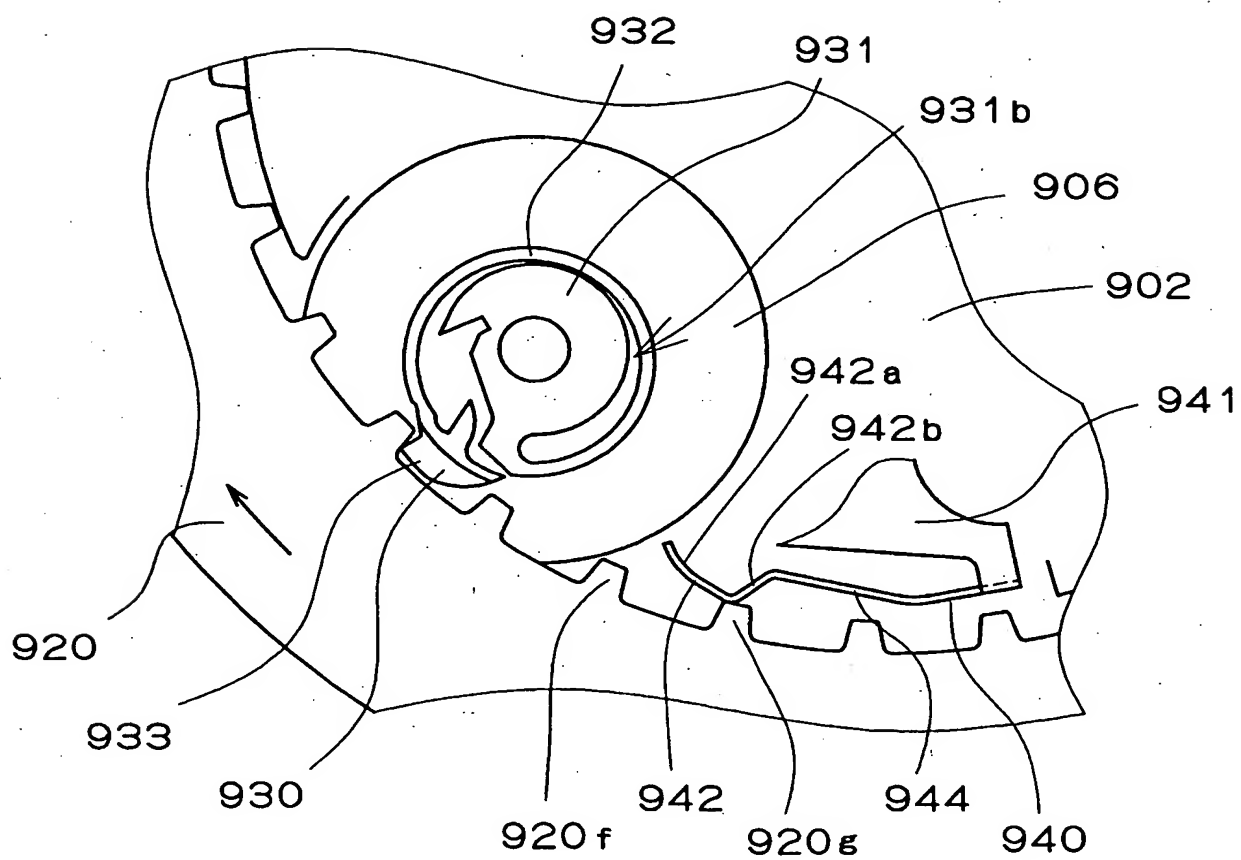




FIG. 33 Prior Art

